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ESTABLISHED
1875

ONE OF
AMERICA'S FOREMOST
NURSERIES

53rd YEAR
OF
ACTIVE SERVICE
by *Ed Welch*
PRESIDENT

**WHOLESALE
BULLETIN**
NO. 1

WITH GRADE COUNTS

March 11, 1944

WE SUGGEST
EARLY RESERVATIONS

Phones 384-385
Wire Western Union

MOUNT ARBOR NURSERIES

SHENANDOAH, IOWA

Terms and Conditions of Sale

TERMS—2% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates

Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All contracts are subject to war priorities on materials, transportation and other causes arising that may limit, restrict or make impossible performance thereunder.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

MARCH 11, 1944

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

Due to our limited supply of most varieties of fruit trees and small fruits, we do not have many varieties that we can offer, only in limited assortment with orders requiring a general line of nursery stock, including ornamentals.

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

Per 10 Per 100 Per 1000

First Class, 11-16 to $\frac{7}{8}$ -inch, $4\frac{1}{2}$ feet and up	\$5.50	\$50.00	\$450.00
" " 9-16 to 11-16, 4 feet and up	4.70	42.00	380.00
" " 7-16 to 9-16, 3 feet and up	3.50	30.00	-----
" " 5-16 to 7-16, 2 feet and up	2.90	25.00	-----
" " $\frac{7}{8}$ -inch and up, 5 feet and up	6.00	55.00	-----
	11-16	9-16	7-16
*Anoka	580	120	-----
Banana	220	50	25
Ben Davis	320	-----	-----
Black Ben Davis	550	100	50
Chenango	480	90	50
Close	120	30	-----
Delicious	2200	650	220
*Delicious Dark Red	3800	1170	1480
*Delicious Yellow	480	1100	100
*Dolgo	850	220	30
Duchess	600	300	90
*Duchess Red	1250	680	350
Early Harvest	-----	160	20
*Edgewood	-----	50	20
*Fameuse	90	260	100
Flame Crab (Minn No. 635)	500	150	20
Florence Crab	100	-----	-----
Forest Winter	380	110	60
Golden Russet	280	120	-----
Grimes Golden	580	110	200
Haralson	-----	200	100
Hawkeye Greening	50	25	30
Hibernal	-----	40	-----
Hyslop Crab	80	60	-----
*Joan	200	80	20
*Jonathan	440	620	650
*Jonathan Dark Red	1270	400	600
Kendall	80	15	-----
Liveland	35	20	-----
Macoun	-----	20	160
Maiden Blush	290	50	-----
Mam. Black Twig	300	60	50
McIntosh Early	30	-----	40
Milton	-----	280	-----
Northern Spy	-----	-----	20
Northern Spy Red	110	-----	-----
N. W. Greening	190	-----	-----
Pewaukee	40	25	-----
*Red June	320	100	100
Red Siberian Crab	140	40	40
Rome Beauty	-----	-----	50
Rome Beauty Red	-----	-----	50
Salome	190	80	50
Sharon	290	40	-----
Stayman Red	220	100	45
Stayman Winesap	130	40	10
Sweet Bough	-----	40	-----

APPLE and CRAB—Continued

	11-16	9-16	7-16	5-16	7-8
Sweet Russet Crab	340	60	—	—	—
Tolman Sweet	300	10	—	—	90
Transcendent Crab	140	—	10	—	80
Turley	170	100	—	50	140
*Virginia Crab	900	300	—	—	600
*Wealthy	150	—	—	—	80
Wedge	330	30	—	—	70
Whitney Crab	1940	600	180	—	30
Windsor Chief	50	50	—	—	20
Winesap	2170	320	300	—	350
*Winesap Crimson	180	—	—	70	140
*Yellow Transparent	—	120	—	—	—
York Imperial	160	—	—	—	—

Varieties starred () can be furnished in budded trees.

APPLE—Top Worked**On Hibernal and Virginia Crab**

	Per 10	Per 100	Per 1000
Three Year, 9-16 and up, 3½ feet and up	\$10.00	\$90.00	\$—
On Hibernal			
190 Delicious Yellow	35	Delicious Dark Red	On Virginia
	20	Delicious Yellow	10 Grimes Golden
			25 Jonathan

CHERRIES—Sour—On Mahaleb

	Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up	\$8.00	\$75.00	\$—
" " 9-16 to 11-16, 3½ feet and up	7.00	65.00	—
" " 1 to 1¼ inch, 5 feet and up	9.00	85.00	—
	11-16	9-16	1 inch
Early Richmond	320	—	80
Montmorency Large	210	360	—

	Per 10	Per 100	Per 1000
One Year, 9-16 to 11-16, 3 feet and up	\$7.00	\$65.00	\$—
" " 7-16 to 9-16, 2½ feet and up	5.50	50.00	—
" " 5-16 to 7-16, 2 feet and up, whips and branched	4.50	40.00	—
	9-16	7-16	5.16
Early Richmond	—	190	220
Montmorency Large	320	340	180

CHERRIES—Sweet

	Per 10	Per 100	Per 1000
One Year on Mahaleb.			
2 to 3 feet, under 5-16, whips	\$4.50	\$40.00	\$—
18 to 24 inches, whips	3.50	30.00	—
	2-3 feet	18-24 inches	
Bing	10	—	—
Black Tartarian	45	60	—
Lambert	—	—	40
Napoleon	20	90	—
Schmidt's Big	70	85	—
Windsor	35	20	—
Yellow Glass	—	—	160

PLUM

	Per 10	Per 100	Per 1000
11-16 and up, 4½ feet and up-----	\$8.00	\$75.00	\$-----
9-16 to 11-16, 4 feet and up-----	7.00	-----	-----
7-16 to 9-16, 3 feet and up-----	5.50	-----	-----
5-16 to 7-16, 2 feet and up-----	4.50	40.00	-----

EUROPEAN, One and Two Years, on Myroblolan

	11-16	9-16	7-16	5-16
Bradshaw -----	110	20	30	20
Italian Prune -----	300	-----	-----	-----
Monarch -----	160	-----	20	25
President -----	-----	-----	-----	40
Shipper's Pride -----	80	20	-----	-----
Shrop Damson -----	-----	-----	-----	110
Yellow Egg -----	190	50	-----	-----

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years 5/8 and up-----	\$10.00	\$-----	\$-----
" ½ to 5/8-----	8.00	75.00	-----
" 5/8 to 1/2-----	6.50	60.00	-----
-----	5-8	1-2	3-8
Bartlett -----	-----	110	300
Duchess -----	80	-----	20
Kieffer -----	50	10	-----
Seckel -----	120	90	40

PEACH

	Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16, 2 feet and up-----	\$3.50	\$30.00	\$-----
" 2 to 3 feet, under 5-16-----	2.50	22.00	-----
" 18 to 24 inches, under 5-16-----	2.10	18.00	-----
-----	5-16	2-3	18-24
Belle of Georgia -----	650	250	200
Carman -----	100	-----	-----
Champion -----	440	660	300
Delicious -----	60	40	200
Early Elberta -----	-----	-----	860
Gold Drop -----	-----	380	60
Golden Jubilee -----	420	480	-----
Halehaven -----	520	100	300
J. H. Hale -----	200	-----	-----
Polly -----	160	160	-----
Redhaven -----	280	-----	-----
Shipper's Late Red -----	280	-----	40
South Haven -----	180	200	-----
Valiant -----	560	600	490
Veteran -----	80	-----	720

QUINCE

	Per 10	Per 100	Per 1000
5/8 and up-----	\$8.00	\$75.00	\$-----
-----	5-8 inch	-----	-----
Champion -----	110	-----	-----
Orange -----	300	-----	-----

MULBERRY

	Per 10	Per 100	Per 1000
70 Russian, 6 to 8 feet, branched-----	\$5.00	\$45.00	\$-----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

	Tied, 2 year, 50; No. 2, 100, per bundle	Per 100	Per 1000
100 Brighton, dark red, 2 years, No. 1		\$14.00	\$-----
250 " " 2 years, No. 2		10.00	-----
4000 Concord, black, 2 years, No. 1		10.00	-----
3100 " " 2 years, No. 2		8.00	-----
100 Delaware, red, 2 years, No. 1		14.00	-----
600 " " 2 years, No. 2		10.00	-----
4400 Fredonia, new, early, black, valuable, 2 years, No. 1		14.00	-----
3000 " " " " 2 years, No. 2		10.00	-----
800 Moore's Early, black, 2 years, No. 1		14.00	-----
1600 " " " 2 years, No. 2		10.00	-----
200 Portland, white, 2 years, No. 1		14.00	-----
250 " " 2 years, No. 2		10.00	-----
200 Worden, black, 2 years, No. 1		12.00	-----
2150 " " 2 years, No. 2		10.00	-----

CURRENTS

	Tied, No. 1, 25; No. 2, 50 per bundle	Per 100	Per 1000
120 Diploma, light red, 2 years, No. 1		\$14.00	\$-----
500 " " 2 years, No. 2		10.00	-----
1250 Fay's Prolific, dark red, 2 years, No. 2		10.00	90.00
1200 Perfection, bright red, 2 years, No. 1		16.00	140.00
2150 " " " 2 years, No. 2		13.00	110.00
1400 Red Lake, light red, 2 years, No. 2		16.00	140.00
1200 Wilder, dark red, 2 years, No. 1		14.00	120.00
5400 " " " 2 years No. 2		10.00	90.00

RASPBERRIES

	Tied 25 per bundle	Per 100	Per 1000
1800 Columbian, purple, tips		\$ 4.50	\$ 40.00
4000 Cumberland, black, tips		4.00	35.00
3200 Logan, black, tips		4.00	35.00
5000 Sodus, purple, tips		5.50	50.00

BLACKBERRIES

	Root Cutting Plants	Per 100	Per 1000
1600 Blowers, No. 2		\$ 2.90	\$ 25.00
2200 Eldorado, No. 1		4.00	35.00
2200 Iceberg, No. 1		3.50	30.00
1100 " No. 2		2.50	22.00
1000 Snyder, No. 1		4.00	35.00
2400 " No. 2		2.90	25.00

MISCELLANEOUS BERRIES

	Per 100	Per 1000
2000 Lucretia Dewberries, R. C. Plants, No. 1	\$ 3.50	\$ 30.00
6800 " " R. C. Plants, No. 2	2.50	22.00
2200 Nectarberry, tip plants, No. 1	5.50	50.00

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SMALL FRUITS—Continued

MISCELLANEOUS			Per 100	Per 1000
2000	Horseradish, Cuttings	-----	\$ 2.40	\$ 20.00
1500	" Crowns	-----	5.50	50.00
250	Rhubarb, McDonald, grown from divisions	-----	Per 10	Per 100
			\$ 4.00	\$ 35.00

FRUIT TREE STOCKS
Regret we are unable to offer.

PEACH PITS, California Lovells, F. O. B. Shenandoah, Iowa. 1943 crop, averaging 4300 pits per 50-lb. bu.	\$3.00 per bu.
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DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

ASH, GREEN, Fraxinus lanceolata		Per 100	Per 1000
5000	6 to 12 inches	\$ 0.60	\$ 5.00
4100	12 to 18 inches	.90	8.00
4700	18 to 24 inches	1.30	11.00
5100	2 to 3 feet	1.80	15.00
3700	3 to 4 feet	2.40	20.00
2500	4 to 5 feet	2.90	25.00
1000	5 to 6 feet	5.50	50.00
150	6 to 8 feet	7.50	-----

ASH, WHITE, Fraxinus americana

4000	6 to 12 inches	.60	5.00
3000	12 to 18 inches	.90	8.00
5400	18 to 24 inches	1.40	12.00
4800	2 to 3 feet	1.80	15.00
5000	3 to 4 feet	2.40	20.00
2100	4 to 5 feet	3.00	28.00
1000	5 to 6 feet	5.50	50.00
480	6 to 8 feet	7.50	-----

BUCKTHORN, Rhamnus cathartica

1800	6 to 12 inches	1.20	10.00
2800	12 to 18 inches	1.70	14.00
3000	18 to 24 inches	2.50	22.00
1200	2 to 3 feet	3.50	30.00
1200	3 to 4 feet	5.00	45.00

CARAGANA arborescens, Siberian Pea-Tree

5000	6 to 12 inches	.90	8.00
1000	18 to 24 inches	1.90	16.00

CATALPA Speciosa, Western Catalpa

1800	2 to 3 feet	1.90	16.00
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ELM, AMERICAN WHITE, Ulmus americana

9000	6 to 12 inches	.60	5.00
3500	12 to 18 inches	.90	8.00
11000	18 to 24 inches	1.40	12.00
6000	2 to 3 feet	1.90	16.00
17000	3 to 4 feet	2.40	20.00
15000	4 to 5 feet	3.50	30.00
1000	5 to 6 feet	5.50	50.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
ELM, CHINESE, <i>Ulmus pumila</i>			
22500	6 to 12 inches	\$ 0.60	\$ 5.00
15000	12 to 18 inches	.90	8.00
22000	18 to 24 inches	1.40	12.00
6000	2 to 3 feet	1.90	16.00
11000	3 to 4 feet	2.50	22.00
8800	4 to 5 feet	3.50	30.00
6000	5 to 6 feet	5.50	50.00
1500	6 to 8 feet	8.00	70.00
HACKBERRY, <i>Celtis occidentalis</i>			
400	12 to 18 inches	1.70	-----
1000	2 to 3 feet	3.20	28.00
2500	3 to 4 feet	4.50	40.00
2200	4 to 5 feet	6.50	60.00
300	5 to 6 feet	9.00	-----
LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>			
6000	6 to 12 inches	.60	5.00
4000	18 to 24 inches	1.40	12.00
3200	3 to 4 feet (Tops cut back to 30 inches)	2.60	22.00
MAPLE SILVER LEAVED, <i>Acer dasycarpum</i>			
6000	6 to 12 inches	.50	4.50
6000	12 to 18 inches	.90	8.00
7000	18 to 24 inches	1.40	12.00
6000	2 to 3 feet	2.10	18.00
1600	3 to 4 feet	3.50	30.00
400	5 to 6 feet	6.00	-----
MULBERRY, RUSSIAN, <i>Morus tatarica</i>			
24000	6 to 12 inches	.50	4.50
10500	12 to 18 inches	1.10	9.00
14000	18 to 24 inches	1.70	14.00
11000	2 to 3 feet	2.10	18.00
OAK, English, <i>Quercus Robur</i>			
1000	9 to 12 inches	4.50	40.00
1600	12 to 18 inches	5.50	50.00
1200	18 to 24 inches	7.00	65.00
300	2 to 3 feet	10.00	-----
Pin, <i>Quercus palustris</i>			
2100	12 to 18 inches	4.00	35.00
3100	18 to 24 inches	6.50	55.00
4000	2 to 3 feet	8.50	75.00
7500	3 to 4 feet	12.00	100.00
1000	4 to 5 feet	16.00	140.00
Red, <i>Quercus rubra</i>			
1000	18 to 24 inches	7.50	65.00
1000	2 to 3 feet	11.00	90.00
500	3 to 4 feet	14.00	120.00
150	4 to 5 feet	20.00	-----
Scarlet, <i>Quercus coccinea</i>			
1200	9 to 12 inches	4.00	35.00
1200	12 to 18 inches	5.00	45.00
800	18 to 24 inches	7.50	65.00
600	2 to 3 feet	11.00	90.00
250	3 to 4 feet	18.00	-----
White, <i>Quercus alba</i>			
300	12 to 18 inches	5.00	45.00
600	18 to 24 inches	7.50	65.00
600	2 to 3 feet	10.00	-----
400	3 to 4 feet	15.00	-----
OSAGE ORANGE, <i>Maclura pomifera</i>			
5000	2 to 3 feet	1.70	14.00
WALNUT, Black			
1500	12 to 18 inches	2.90	25.00
1600	2 to 3 feet	4.50	40.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus alba*

Tall growing, valuable tree for street and park planting.

		Per 10	Per 100	Per 1000
90	5 to 6 feet	\$3.50	\$30.00	\$-----
220	6 to 8 feet	5.50	50.00	-----
150	8 to 10 feet	8.00	75.00	-----
100	1½ to 2 inches	12.00	110.00	-----

European, *Fraxinus excelsior*, 100 ft.

Tall growing with spreading habit; dark green foliage.

25	5 to 6 feet	4.00	-----	-----
50	6 to 8 feet	6.50	-----	-----
100	8 to 10 feet	9.00	85.00	-----
30	1½ to 2 inches	12.50	-----	-----

Green, *Fraxinus lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

200	5 to 6 feet	3.20	28.00	-----
1100	6 to 8 feet	5.00	45.00	-----
1600	8 to 10 feet	7.50	70.00	-----
600	1½ to 2 inches	11.00	100.00	-----
300	2 to 2½ inches	18.00	165.00	-----
520	2½ to 3 inches	25.00	225.00	-----

BIRCH, Cutleaf Weeping, *Betula lacinia*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

280	5 to 6 feet, Balled in Moss	12.00	110.00	-----
200	6 to 8 feet, " " "	16.00	150.00	-----
120	8 to 10 feet, " " "	20.00	190.00	-----

European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

90	5 to 6 feet	6.50	60.00	-----
500	6 to 8 feet	8.50	80.00	-----
400	8 to 10 feet	12.00	110.00	-----
120	1½ to 1½ inches	14.00	130.00	-----
50	1½ to 1¾ inches	16.50	150.00	-----
15	1¾ to 2 inches	20.00	-----	-----
60	2 to 2½ inches	27.50	250.00	-----

BOX ELDER, See Maple.

CATALPA, Western Catalpa, *speciosa*, 30-35 ft.

Well known hardy tree. White flowers, May-June.

140	5 to 6 feet, whips	3.50	30.00	-----
120	6 to 8 feet, whips	4.50	40.00	-----
45	8 to 10 feet, whips	6.50	-----	-----
55	1½ to 2 inches, whips	8.50	-----	-----

CHERRY, FLOWERING, 18-20 ft.

Noted for their beautiful flowers, planted freely in the east and south.

18	to 24 inches, branched	4.00	-----	-----
2	to 3 feet, "	5.50	50.00	-----
3	to 4 feet, "	8.00	75.00	-----
4	to 5 feet, "	10.00	-----	-----
		4-5	3-4	2-3
			20	30
			14	20
			20	80
			7	40
				40
				50
				30

Amanogawa, light pink ----- 20 30 40
 Kofugen, rose pink ----- 14 50 20 -----
 Mt. Fuji, pure white ----- 20 60 80 50
 Naden, deep pink ----- 7 25 40 30

DECIDUOUS TREES—Continued

CRAB, Flowering Malus. 12-20 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

		Per 10	Per 100	Per 1000
2 to 3 feet		\$4.50	\$40.00	\$
3 to 4 feet		5.50	50.00	-----
4 to 5 feet		6.50	60.00	-----
5 to 6 feet		9.00	85.00	-----
6 to 7 feet		12.00	110.00	-----
	6-7	5-6	4-5	3-4
Bechtel, double pink		140	200	-----
Sargentii, white				90
Parkmanii, semi-double, pink, dwarf	85	20	10	-----

CRAB, Flowering Malus. 15-30 ft.

		Per 10	Per 100	Per 1000
2 to 3 feet		\$3.50	\$30.00	\$
3 to 4 feet		4.50	40.00	-----
4 to 5 feet		5.50	50.00	-----
5 to 6 feet		7.00	65.00	-----
6 to 7 feet		9.00	-----	-----
	6-7	5-6	4-5	3-4
Arnoldiana, rose				20
Baccata, white	70	40	35	30
Chinese spectabilis, bright pink		5	-----	25
Coronaria, pink		55	-----	15
Eleyi, single pink		10	-----	-----
Floribunda, rose		35	45	-----
Hopa, red buds	150	75	-----	250
Hopa, bush form	250	300	840	200
Ioensis, single pink	10	35	-----	40
Redvein, niedzwetzkyana, red		45	-----	-----
Red Silver, pink		10	14	50
Theifera, pink	115	55	-----	20

ELM—American White, Ulmus americana, 60-100 ft.

The most popular American tree for street and general planting.

		Per 10	Per 100	Per 1000
110	5 to 6 feet	\$3.50	\$30.00	\$
150	6 to 8 feet	5.50	50.00	-----
220	8 to 10 feet	7.50	70.00	-----
720	1½ to 1¾ inches	9.00	*85.00	-----
1180	1½ to 1¾ inches	13.00	120.00	-----
1470	1¾ to 2 inches	16.50	150.00	-----
1900	2 to 2½ inches	22.00	200.00	-----
1200	2½ to 3 inches	28.00	250.00	-----
300	3 to 3½ inches	38.50	350.00	-----
100	3½ to 4 inches	45.00	425.00	-----

Chinese, pumila, 40-50 ft.

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

1800	5 to 6 feet	3.20	28.00	250.00
2450	6 to 8 feet	5.00	45.00	400.00
2500	8 to 10 feet	6.50	60.00	550.00
2400	1¼ to 1½ inches	7.50	70.00	-----
2200	1½ to 2 inches	11.00	100.00	-----
1100	2 to 2½ inches	17.50	160.00	-----
120	2½ to 3 inches	25.00	225.00	-----

DECIDUOUS TREES—Continued**CHINESE ELM**
Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

		Per 10	Per 100	Per 1000
2200	5 to 6 feet, 9-16 to 11-16 inches	\$2.10	\$18.00	\$160.00
2100	6 to 8 feet, 11-16 to 7-8 inches	2.90	25.00	220.00
1900	8 to 10 feet, 7-8 to 1 inch	4.00	35.00	320.00
1100	1½ to 1½ inches	5.00	45.00	400.00
150	1½ to 2 inches	7.00	65.00	-----

English, campestris, 75-100 ft.

Spreading branches forming a broad, round topped head.

160	5 to 6 feet	7.50	70.00	-----
210	6 to 8 feet	10.00	90.00	-----
90	8 to 10 feet	13.50	125.00	-----
50	1½ to 1½ inches	16.50	-----	-----
50	1½ to 1¾ inches	20.00	-----	-----
30	1¾ to 2 inches	25.00	-----	-----
30	2 to 2½ inches	30.00	-----	-----

Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

20	8 to 10 feet	10.00	-----	-----
40	1½ to 1½ inches	12.50	-----	-----
20	1½ to 1¾ inches	16.00	-----	-----
45	1¾ to 2 inches	20.00	-----	-----
20	2 to 2½ inches	25.00	-----	-----

Moline Elm, 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

60	8 to 10 feet	11.00	100.00	-----
110	1½ to 1½ inches	13.00	120.00	-----
275	1½ to 1¾ inches	17.50	160.00	-----
350	1¾ to 2 inches	20.00	185.00	-----
580	2 to 2½ inches	26.00	235.00	-----
200	2½ to 3 inches	32.50	300.00	-----

Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

110	8 to 10 feet	11.00	100.00	-----
150	1½ to 1½ inches	13.00	120.00	-----
175	1½ to 1¾ inches	17.50	160.00	-----
260	1¾ to 2 inches	20.00	185.00	-----
350	2 to 2½ inches	25.00	235.00	-----
60	2½ to 3 inches	32.50	-----	-----

GOLDEN CHAIN TREE, Laburnum vossii.

A rare and beautiful low-growing tree, bearing in the spring a mass of golden flowers in graceful clusters of 12 to 18 inches in length.

250	1½ to 2 inches, 8 to 10 feet	18.50	175.00	-----
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HACKBERRY, Celtis occidentalis, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

450	5 to 6 feet	4.50	40.00	-----
1140	6 to 8 feet	6.50	60.00	-----
1270	8 to 10 feet	10.00	90.00	-----
1480	1½ to 2 inches	15.00	135.00	-----
450	2 to 2½ inches	22.00	200.00	-----
100	2½ to 3 inches	30.00	275.00	-----

DECIDUOUS TREES—Continued

HONEYLOCUST, Gleditsia triacanthos, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

Per 10 Per 100 Per 1000

210	5 to 6 feet	\$4.50	\$40.00	\$	---
580	6 to 8 feet	6.50	60.00		---
840	8 to 10 feet	9.00	85.00		---
450	1½ to 2 inches	15.00	135.00		---
80	2 to 2½ inches	25.00	225.00		---
20	2½ to 3 inches	32.50			---

Thornless, Gleditsia triacanthos inermis, 50-60 ft.

A variety of *Triacanthos* without thorns.

50	5 to 6 feet	5.50	50.00		---
130	6 to 8 feet	8.00	75.00		---
250	8 to 10 feet	11.00	100.00		---
150	1½ to 2 inches	16.50	150.00		---
10	2 to 2½ inches	30.00			---

KENTUCKY COFFEETREE, Gymnocladus dioicus, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

100	4 to 5 feet	5.50	50.00		---
120	5 to 6 feet	8.00	75.00		---
270	6 to 8 feet	11.00	100.00		---
150	8 to 10 feet	15.00	135.00		---
80	1½ to 2 inches	19.00	175.00		---
20	2 to 2½ inches	25.00			---

LINDEN, American, Tilia americana, 60-90 ft.

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.

120	5 to 6 feet	6.50	60.00		---
290	6 to 8 feet	8.50	80.00		---
150	8 to 10 feet, 1¼ to 1½ inches	11.00	100.00		---
440	1½ to 2 inches	15.00	135.00		---
250	2 to 2½ inches	20.00	185.00		---
100	2½ to 3 inches	27.50	250.00		---

Cordata, Littleleaf European Linden, 70 ft.

Very small leaves and desirable habit of growth.

100	5 to 6 feet	8.00	75.00		---
90	6 to 8 feet	11.00	100.00		---
30	2 to 2½ inches	30.00			---

Platiphyllus, Big Leaf European Linden. 60-70 ft.

Large leaved European Linden making a large, symmetrical tree.

70	5 to 6 feet	6.00	55.00		---
110	6 to 8 feet	8.50	80.00		---
65	8 to 10 feet	12.00	100.00		---

Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

90	5 to 6 feet	8.00	75.00		---
170	6 to 8 feet	11.00	100.00		---
120	8 to 10 feet	15.00	135.00		---
40	1½ to 2 inches	20.00			---

DECIDUOUS TREES—Continued

LINDEN—Continued**Silvestris, Tilia Silvestris, 70 ft.**A variety of *Tilia cordata* small leaf European Linden.

		Per 10	Per 100	Per 1000
65	6 to 8 feet	\$8.50	\$80.00	\$-----
110	8 to 10 feet	12.00	110.00	-----
200	1½ to 2 inches	16.50	150.00	-----
170	2 to 2½ inches	22.00	200.00	-----
50	2½ to 3 inches	27.50	-----	-----

LOCUST, Black or Yellow, Robinia pseudoacacia, 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

65	3 to 4 feet	1.80	-----	-----
50	4 to 5 feet	2.50	-----	-----
110	5 to 6 feet	3.50	30.00	-----
30	6 to 8 feet	5.00	-----	-----

MAY DAY TREE, See Prunus**MAPLE, Amur, Acer ginnala. 20-25 ft.**

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

15	3 to 4 feet	4.00	-----	-----
70	4 to 5 feet	5.50	50.00	-----
140	5 to 6 feet	8.00	75.00	-----
60	6 to 8 feet	10.00	-----	-----

Box Elder, negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

160	4 to 5 feet	3.50	30.00	-----
250	5 to 6 feet	4.50	40.00	-----
110	6 to 8 feet	6.50	60.00	-----
125	8 to 10 feet	9.00	85.00	-----
20	1½ to 2 inches	13.50	-----	-----

Norway, platanoides. 50-60 ft.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

300	4 to 5 feet, ¾ to ½ inch caliper, whips	3.50	30.00	-----
330	5 to 6 feet, ½ to ¾ inch caliper, whips	4.50	40.00	-----
690	6 to 8 feet, ¾ to ¾ inch caliper, whips	5.50	50.00	-----
380	8 to 10 feet, ¾ to 1 inch caliper, whips	6.50	60.00	-----
240	6 to 8 feet, ¾ to 1 inch caliper, lightly br.	8.00	75.00	-----
70	6 to 8 feet, ¾ to 1 inch caliper, branched	11.00	100.00	-----
290	8 to 10 feet, 1 to 1¼ inch caliper, lightly br.	11.00	100.00	-----
300	8 to 10 feet, 1 to 1¼ inch caliper, branched	15.00	135.00	-----
230	1¼ to 1½ inches	17.50	160.00	-----
560	1½ to 1¾ inches	22.00	200.00	-----
450	1¾ to 2 inches	25.00	235.00	-----
110	2 to 2½ inches	32.50	300.00	-----

Norway, platanoides. (Special Strain) 50-60 ft.

Budded. The original tree is a Schwedler Seedling. This strain of Norway Maple is a more rapid grower, has much more attractive foliage, and is upright and pyramidal in habit of growth. Valuable.

80	6 to 8 feet, ¾ to 1 inch caliper, lightly br.	10.00	-----	-----
90	6 to 8 feet, ¾ to 1 inch caliper, branched	13.50	125.00	-----
110	8 to 10 feet, 1 to 1¼ inch caliper, lightly br.	13.50	125.00	-----
300	8 to 10 feet, 1 to 1¼ inch caliper, branched	16.00	150.00	-----
100	1¼ to 1½ inches, lightly br.	16.00	150.00	-----
110	1¼ to 1½ inches, branched	18.50	175.00	-----

DECIDUOUS TREES—Continued

MAPLE, Acer—Continued**Schwedler, Purple Leaf Maple. 40-50 ft.**

Very popular because of its reddish-purple leaves in the spring. We offer at attractive prices a splendid lot of transplanted Schwedleri Maple, branched trees.

			Per 10	Per 100	Per 1000
750	4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ inch caliper, whips		\$6.50	\$60.00	\$-----
280	5 to 6 feet, $\frac{1}{2}$ to $\frac{3}{8}$ inch caliper, whips		8.00	75.00	-----
160	5 to 6 feet, $\frac{3}{8}$ to $\frac{3}{4}$ inch caliper, lightly br.		13.50	125.00	-----
420	6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, lightly br.		16.50	150.00	-----
680	6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, branched		19.00	175.00	-----
100	8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, lightly br.		19.00	175.00	-----
290	8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, branched		22.00	200.00	-----

Silver, dasycarpum. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

300	4 to 5 feet		2.90	25.00	-----
140	5 to 6 feet		4.00	35.00	-----
140	6 to 8 feet		5.50	50.00	-----
250	1 $\frac{1}{2}$ to 2 inches		12.00	110.00	-----
300	2 to 2 $\frac{1}{2}$ inches		16.50	150.00	-----

Sugar, saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

65	4 to 5 feet		5.50	50.00	-----
80	5 to 6 feet		7.50	70.00	-----
300	6 to 8 feet		11.00	100.00	-----
490	8 to 10 feet		15.00	140.00	-----
420	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches		18.00	165.00	-----
200	1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches		22.00	200.00	-----
110	1 $\frac{3}{4}$ to 2 inches		27.50	250.00	-----

Wier, Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

30	5 to 6 feet		5.50	-----	-----
40	6 to 8 feet		8.00	-----	-----
190	8 to 10 feet		11.00	100.00	-----
80	1 $\frac{1}{2}$ to 2 inches		15.00	-----	-----
15	2 to 2 $\frac{1}{2}$ inches		20.00	-----	-----

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

120	5 to 6 feet		7.00	65.00	-----
200	6 to 8 feet		9.00	85.00	-----
450	8 to 10 feet		11.00	100.00	-----
170	1 $\frac{1}{2}$ to 2 inches		15.00	135.00	-----
100	2 to 2 $\frac{1}{2}$ inches		19.00	175.00	-----

Oakleaf, Sorbus quercifolia. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

30	6 to 8 feet		10.00	-----	-----
25	8 to 10 feet		12.50	-----	-----

OAK, Black, velutina. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

70	4 to 5 feet		8.00	75.00	-----
110	5 to 6 feet		11.00	100.00	-----
120	6 to 8 feet		15.00	135.00	-----
30	8 to 10 feet		20.00	-----	-----

DECIDUOUS TREES—Continued

OAK—Continued**Bur, Mossycup, macrocarpa. 75-80 ft.**

	Strong growing oak, picturesque appearance due to its corky branches.	Per 10	Per 100	Per 1000
70	5 to 6 feet	\$11.00	\$100.00	\$-----
240	6 to 8 feet	15.00	135.00	-----
120	8 to 10 feet	19.00	175.00	-----

Laurel, Quercus laurifolia. 60-80 ft.

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

60	4 to 5 feet	8.00	75.00	-----
150	5 to 6 feet	11.00	100.00	-----
400	6 to 8 feet	15.00	135.00	-----
400	8 to 10 feet	19.00	175.00	-----
20	1½ to 2 inches	23.50	-----	-----

Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

290	5 to 6 feet	11.00	100.00	-----
380	6 to 8 feet	14.00	125.00	-----
850	8 to 10 feet	19.00	175.00	-----
1120	1½ to 2 inches	28.00	250.00	-----
450	2 to 2½ inches	38.00	350.00	-----
150	2½ to 3 inches	45.00	425.00	-----

Red, Quercus rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

260	5 to 6 feet	13.00	120.00	-----
690	6 to 8 feet	15.00	140.00	-----
580	8 to 10 feet, 1¼ to 1½ inches	22.00	200.00	-----
320	1½ to 2 inches	30.00	275.00	-----
150	2 to 2½ inches	40.00	375.00	-----

English, Quercus Robur. 60-80 ft.

A long-lived Oak with stout branches, forming a broad round-topped head.

20	5 to 6 feet	13.00	-----	-----
60	6 to 8 feet	16.00	-----	-----
50	8 to 10 feet	20.00	-----	-----

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

120	5 to 6 feet	13.00	120.00	-----
150	6 to 8 feet	16.50	150.00	-----
40	8 to 10 feet, 1¼ to 1½ inches	20.00	-----	-----

White, Quercus alba. 60-80 ft.

A rugged oak of slow growth making a large, magnificent tree.

100	4 to 5 feet	8.00	75.00	-----
380	5 to 6 feet	11.00	100.00	-----
870	6 to 8 feet	14.00	125.00	-----
600	8 to 10 feet	19.00	175.00	-----
350	1½ to 2 inches	28.00	250.00	-----
140	2 to 2½ inches	38.00	350.00	-----
15	2½ to 3 inches	42.50	-----	-----

PECAN, native nut bearing tree.

30	3 to 4 feet	5.00	-----	-----
35	4 to 5 feet	6.50	-----	-----
35	5 to 6 feet	8.50	-----	-----

PTELEA, trifoliata, Common Hopetree. (Wafer Ash) 10-12 ft.

Has clusters of seed pods that look and smell like hops.

120	4 to 5 feet	4.50	40.00	-----
115	5 to 6 feet	5.50	50.00	-----
50	6 to 8 feet	7.00	-----	-----

DECIDUOUS TREES—Continued

PERSIMMON, American, *Diospyros virginiana*

Very ornamental, with a round-topped head and handsome shining foliage.	Per 10	Per 100	Per 1000
40 3 to 4 feet	\$5.00	\$-----	\$-----
50 4 to 5 feet	6.50	-----	-----
40 5 to 6 feet	8.50	-----	-----
25 6 to 8 feet	11.00	-----	-----

POPLAR, *Bolleana*, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

150 8 to 10 feet	7.00	65.00	-----
290 1½ to 1½ inches	8.50	80.00	-----
350 1½ to 2 inches	11.00	100.00	-----
115 2 to 2½ inches	15.00	135.00	-----

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

100 4 to 5 feet	1.70	14.00	-----
150 5 to 6 feet	2.10	18.00	-----
190 6 to 8 feet	2.90	25.00	-----
170 8 to 10 feet	4.50	40.00	-----
120 1¼ to 1½ inches	5.50	50.00	-----
170 1½ to 2 inches	8.00	75.00	-----
15 2 to 2½ inches	11.00	-----	-----

Lombardy, *nigra italicica*. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

950 5 to 6 feet, low branched	2.10	18.00	160.00
2250 6 to 8 feet, " "	2.90	25.00	220.00
2500 8 to 10 feet, " "	3.50	30.00	280.00
1800 1¼ to 1½ inches, low branched	4.00	35.00	320.00
1000 1½ to 2 inches, " "	6.50	60.00	-----
450 2 to 2½ inches, " "	11.00	100.00	-----

Silver, White Poplar. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

60 4 to 5 feet, well branched	2.10	18.00	-----
70 5 to 6 feet, " "	2.90	25.00	-----
150 6 to 8 feet, " "	4.50	40.00	-----
200 8 to 10 feet, " "	6.50	60.00	-----
190 1½ to 2 inches, well branched	11.00	100.00	-----

PRUNUS, Ornamental Plum**Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

180 12 to 18 inches	2.50	22.00	-----
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Newport, Purple Leaved. (Bush form) 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

130 4 to 5 feet	6.00	55.00	-----
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Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

300 2 to 3 feet	3.50	30.00	-----
190 3 to 4 feet	4.50	40.00	-----

DECIDUOUS TREES—Continued

PRUNUS, Ornamental Plum—Continued**Serotina, Wild Black Cherry. 40-50 ft.**

		Per 10	Per 100	Per 1000
35	6 to 8 feet		\$4.00	\$
50	8 to 10 feet		5.50	-----

Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.
380 3 to 4 feet ----- 4.00 35.00 -----
520 4 to 5 feet ----- 5.00 45.00 -----

Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.
250 12 to 18 inches (On Native Plum) ----- 2.50 22.00 -----
200 18 to 24 inches " " " ----- 3.20 28.00 -----
200 2 to 3 feet " " " ----- 4.00 35.00 -----
220 3 to 4 feet " " " ----- 5.00 45.00 -----
190 4 to 5 feet " " " ----- 6.00 55.00 -----

RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.
90 4 to 5 feet ----- 5.00 45.00 -----

RUSSIAN OLIVE, Elaeagnus angustifolia. 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.
400 3 to 4 feet ----- 2.40 20.00 -----
270 4 to 5 feet ----- 2.90 25.00 -----
120 5 to 6 feet ----- 4.00 35.00 -----
68 6 to 8 feet ----- 5.50 50.00 -----
100 8 to 10 feet ----- 8.00 75.00 -----

For smaller sizes see *Elaeagnus* under Shrubs.

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.
110 5 to 6 feet ----- 4.50 40.00 -----
220 6 to 8 feet ----- 7.00 65.00 -----
40 1½ to 1¾ inches ----- 16.50 -----

THORN, Crataegus, Arnoldiana, Arnold's Thorn. 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August.
50 3 to 4 feet ----- 5.50 50.00 -----
90 4 to 5 feet ----- 8.50 80.00 -----
200 5 to 6 feet ----- 12.00 110.00 -----
50 6 to 8 feet ----- 17.50 -----

Coccinea, Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.
100 3 to 4 feet ----- 5.50 50.00 -----
100 4 to 5 feet ----- 8.50 80.00 -----
40 5 to 6 feet ----- 12.00 -----

Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.
40 3 to 4 feet ----- 6.00 -----
100 4 to 5 feet ----- 8.50 80.00 -----
220 5 to 6 feet ----- 12.00 110.00 -----
150 6 to 8 feet ----- 16.50 150.00 -----
40 8 to 10 feet ----- 22.50 -----
20 1½ to 2 inches ----- 30.00 -----

DECIDUOUS TREES—Continued

THORN, *Crataegus*—Continued**Crusgalli, Cockspur Thorn. 15-18 ft.**

	Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.	Per 10	Per 100	Per 1000
180	3 to 4 feet	\$5.50	\$50.00	\$-----
350	4 to 5 feet	8.50	80.00	-----
490	5 to 6 feet	12.00	110.00	-----
190	6 to 8 feet	19.00	175.00	-----
10	8 to 10 feet	25.00		

English Hawthorn, *oxycantha*. 12-15 ft.

	A small shrubby tree. Single white blooms in the spring.	5.50	50.00	-----
100	3 to 4 feet	5.50	50.00	-----
110	4 to 5 feet	8.50	80.00	-----
40	5 to 6 feet	12.00		

Mollis, Downy Hawthorn. 15 ft.

	Vigorous spreading growth. Large leaves, attractive red fruit.	4.50	40.00	-----
390	3 to 4 feet	6.50	60.00	-----
450	4 to 5 feet	10.00	90.00	-----
780	5 to 6 feet	14.00	125.00	-----
750	6 to 8 feet	16.50	150.00	-----
400	8 to 10 feet			

Prunifolia, Plumleaf Hawthorn. 30 ft.

	Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.	12.00		
10	5 to 6 feet	17.50		
20	6 to 8 feet	25.00		
50	8 to 10 feet			

Punctata, Dotted Hawthorn. 25-30 ft.

	Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.	5.50	50.00	-----
140	3 to 4 feet	8.50	80.00	-----
210	4 to 5 feet	12.00	110.00	-----
400	5 to 6 feet	19.00	175.00	-----
520	6 to 8 feet	25.00	225.00	-----
140	8 to 10 feet			

WILLOW, *Salix***Niobe Weeping. 30-35 ft.**

	An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.	2.10	18.00	160.00
1100	3 to 4 feet	2.90	25.00	220.00
1400	4 to 5 feet	3.50	30.00	-----
300	5 to 6 feet	4.50	40.00	-----
350	6 to 8 feet	7.00	65.00	-----
120	8 to 10 feet	10.00	90.00	-----

Pussy, *discolor*. 20-25 ft.

	Popular willow on account of catkins in March-April before leaves.	2.90	25.00	-----
100	3 to 4 feet	3.50	30.00	-----
300	4 to 5 feet	4.00	35.00	-----

Russian Golden, *vitellina aurea*. 25-30 ft.

	Medium spreading growth. Golden yellow bark. Very hardy.	1.80	15.00	-----
260	3 to 4 feet	2.40	20.00	-----
400	4 to 5 feet	3.50	30.00	-----

Wisconsin Weeping, *blanda*. 40-50 ft.

	Spreading limbs and pendulous branches. Dark green leaves. Hardy.	2.90	25.00	-----
450	4 to 5 feet	4.50	40.00	-----
220	5 to 6 feet	7.50	65.00	-----
70	6 to 8 feet	10.00	90.00	-----
100	8 to 10 feet	12.00	110.00	-----
200	1½ to 1½ inches	16.50	150.00	-----
100	1½ to 2 inches			

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPanax, pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
60	18 to 24 inches	\$2.10	\$18.00	\$-----
330	2 to 3 feet	2.90	25.00	-----
540	3 to 4 feet	4.00	35.00	-----
40	4 to 5 feet	5.00	-----	-----

ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

130	12 to 18 inches, Own Root	1.90	16.00	-----
200	18 to 24 inches, " "	2.50	22.00	-----
420	2 to 3 feet, " "	3.20	28.00	-----
300	3 to 4 feet, " "	3.70	32.00	-----

White Flowering, Prunus glandulosa. 5-6 ft.

Double white flowering variety. Have buds and own root plants.

140	18 to 24 inches	2.50	22.00	-----
450	2 to 3 feet	3.20	28.00	-----
600	3 to 4 feet	3.70	32.00	-----

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches		.80	7.00	-----
18 to 24 inches		1.20	10.00	-----
2 to 3 feet		1.90	16.00	-----
3 to 4 feet		2.50	22.00	-----
d—double	s—single			
		3/4	2/3	18/24
Anemoneaeflorus, d pink			150	760
Ardens, d purple		90	180	320
Boule de Feu, d red			160	420
Jean d'Arc, d white		40	160	220
Purple, semi-double			320	340
Rose, double		60	90	90
Rubis, s red			40	180
Snowdrift, s white		50	-----	-----

AMELANCHIER, canadensis Juneberry (Downy Shadblow) 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

		Per 10	Per 100	Per 1000
20	2 to 3 feet	\$3.50	\$-----	\$-----
25	3 to 4 feet	4.50	-----	-----
20	4 to 5 feet	5.50	-----	-----

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

80	12 to 18 inches	1.70	14.00	-----
40	18 to 24 inches	2.00	-----	-----

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

310	12 to 18 inches	1.20	10.00	-----
240	18 to 24 inches	1.80	15.00	-----
90	2 to 3 feet	2.40	20.00	-----

ORNAMENTAL SHRUBS—Continued

ARONIA—Continued

Melanocarpa, Black Chokeberry. 6-8 ft.

		Attractive white flowers, smooth foliage, with black shiny fruit in autumn.	Per 10	Per 100	Per 1000
230	12 to 18 inches		\$1.20	\$10.00	\$—
270	18 to 24 inches		1.80	15.00	
190	2 to 3 feet		2.40		

BARBERRY

Thunbergi, Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

700	9 to 12 inches		.70	6.00	
550	12 to 15 inches		1.20	10.00	90.00
4500	15 to 18 inches		1.40	12.00	100.00
7100	18 to 24 inches		1.70	14.00	120.00
8800	2 to 2½ feet		2.10	18.00	150.00
4000	2½ to 3 feet		2.40	20.00	180.00

See Hedging for Seedlings and smaller grades.

Box, Berberis minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

280	9 to 12 inches		1.10	9.00	
330	12 to 15 inches		1.40	12.00	
200	15 to 18 inches		1.90	16.00	
80	18 to 24 inches		2.50		

Red Leaved, atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

500	12 to 15 inches		1.70	14.00	
1150	15 to 18 inches		2.10	18.00	
1200	18 to 24 inches		2.60	22.00	
340	2 to 2½ feet		2.90	25.00	
75	2½ to 3 feet		3.50	30.00	

See Hedging for Seedlings and smaller grades.

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
100 12 to 15 inches	\$2.50	\$20.00	\$—	\$1.15	\$4.25	\$30.00
200 15 to 18 inches	3.00	25.00	—	1.35	5.00	37.50
150 18 to 24 inches	3.75	30.00	—	1.75	6.00	45.00

TRUEHEDGE COLUMNBERRY

Var. *Berberis Thunbergi, erecta*

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25
500 15 to 18 inches	\$2.70	\$22.00	\$—	\$0.55	\$2.10	\$8.75
600 18 to 24 inches	3.30	28.00	250.00	.65	2.65	11.50
550 2 to 2½ feet	4.00	35.00	300.00	.80	3.25	13.75
						\$32.00
						42.00
						50.00

ORNAMENTAL SHRUBS—Continued

BUCKTHORN, Cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

			Per 10	Per 100	Per 1000
125	12 to 18 inches		\$0.70	\$ 6.00	\$ -----
250	18 to 24 inches		.95	8.00	-----
580	2 to 3 feet		1.40	12.00	100.00
650	3 to 4 feet		1.80	15.00	-----
360	4 to 5 feet		2.40	20.00	-----

Frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

100	12 to 18 inches		.95	8.00	-----
200	18 to 24 inches		1.40	12.00	-----
120	2 to 3 feet		1.90	16.00	-----
35	3 to 4 feet		2.50	-----	-----

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.**Farquhar. 5-6 ft.**

Lavender pink flowers with orange center; fragrant.

180	No. 1		2.40	20.00	-----
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Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retails at 75¢ each, \$7.50 per doz.)

300	No. 1		4.00	25.00	-----
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Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

150	Medium		1.90	16.00	-----
220	No. 1		2.40	20.00	-----

BUDDLEIA—New Varieties.

Well established 2½-inch pot plants		1.40	12.00	-----
Medium, dormant plants, field grown		1.90	16.00	-----
No. 1, dormant plants, field grown		2.40	20.00	-----
	2½-inch			

No. 1 Medium Pot Plants

Concord. A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.

200 90 -----

Dubonnet. A new dark wine, dubonnet colored buddleia with firm, large spikes and individual flowers of good size that do not sunburn.

220 160 800

Eleanor. Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf.

100 -----

Hartwigi. A thrifty, compact Butterfly Bush with heavy, dark green foliage and bright lavender flowers good for cutting.

180 -----

EMPIRE BLUE

Patent No. 557

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

Per 10 Per 100 Per 1000

100 No. 1, dormant plants, field grown \$4.00 \$35.00 \$ -----

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush—Continued

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

		Per 10	Per 100	Per 1000
500	Well established 2½-inch pot plants	\$2.90	\$25.00	\$-----

ROYAL RED

Patent No. 556

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

		Per 10	Per 100	Per 1000
1000	Well established 2½-inch Pot Plants	\$3.00	\$25.00	\$-----
940	No. 1, dormant plants, field grown	4.00	35.00	\$-----

BUFFALOBERRY SILVER, *Shepherdia argentea*. 12-18 ft.

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

Per 10 Per 100 Per 1000

110	12 to 18 inches	\$1.10	\$ 9.00	\$-----
270	18 to 24 inches	1.40	12.00	\$-----

CALICCARPA purpurea, Chinese Beautyberry. 3-6 ft.

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

180	12 to 18 inches	1.50	12.00	\$-----
500	18 to 24 inches	1.90	16.00	\$-----
100	2 to 3 feet	2.40	20.00	\$-----

CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

100	12 to 18 inches	2.10	18.00	\$-----
120	18 to 24 inches	2.50	22.00	\$-----

CARAGANA arborescens, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

5000	6 to 12 inches	.90	8.00	\$-----
500	9 to 12 inches	.40	3.50	\$-----
600	12 to 18 inches	.60	5.00	\$-----
240	18 to 24 inches	.95	8.00	\$-----
100	2 to 3 feet	1.40	12.00	\$-----
460	3 to 4 feet	1.90	16.00	\$-----
380	4 to 5 feet	2.50	22.00	\$-----

CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

45	12 to 18 inches	1.40	12.00	\$-----
20	18 to 24 inches	2.00	-----	\$-----
70	2 to 3 feet	2.50	22.00	\$-----
68	3 to 4 feet	3.50	30.00	\$-----

ORNAMENTAL SHRUBS—Continued

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

		Per 10	Per 100	Per 1000
150	12 to 18 inches	\$2.50	\$22.00	\$-----

CORNUS, Dogwood**Alba Siberica, Coral Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

300	12 to 18 inches	.95	8.00	-----
400	18 to 24 inches	1.40	12.00	-----
2100	2 to 3 feet	2.10	18.00	160.00
1500	3 to 4 feet	2.50	22.00	200.00
1800	4 to 5 feet	3.50	30.00	280.00

Florida Rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.

50	2 to 3 feet (Balled in Moss)	11.00	100.00	-----
30	3 to 4 feet (Balled in Moss)	15.00	-----	-----

Goldentwig, stolonifera lutea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

130	12 to 18 inches	1.20	10.00	-----
580	18 to 24 inches	1.80	15.00	-----
700	2 to 3 feet	2.40	20.00	180.00
650	3 to 4 feet	2.80	24.00	220.00
140	4 to 5 feet	3.50	30.00	-----

Mas, Cornelian Cherry. 20-25 ft.

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

100	12 to 18 inches	2.40	20.00	-----
10	18 to 24 inches	3.00	-----	-----
10	2 to 3 feet	3.50	-----	-----

Paniculata, Gray Dogwood. 10-12 ft.

White flowers in May followed by white fruit.

220	12 to 18 inches	1.40	12.00	-----
900	18 to 24 inches	1.90	16.00	-----
1600	2 to 3 feet	2.40	20.00	180.00
540	3 to 4 feet	2.90	25.00	220.00
400	4 to 5 feet	3.80	33.00	300.00
500	5 to 6 feet	4.50	40.00	-----

Sanguinea, Bloodtwig Dogwood. 10-12 ft.

Beautiful glossy red branches, greenish-white flowers, May-June.

50	18 to 24 inches	1.40	12.00	-----
200	2 to 3 feet	1.90	16.00	-----

Stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers, May-June. White berries.

100	18 to 24 inches	1.40	12.00	-----
540	2 to 3 feet	1.90	16.00	-----
200	3 to 4 feet	2.50	22.00	200.00
500	4 to 5 feet	3.20	28.00	-----

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

150	12 to 18 inches	2.10	18.00	-----
160	2 to 3 feet	3.50	30.00	-----
20	3 to 4 feet	4.50	-----	-----

ORNAMENTAL SHRUBS—Continued

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

			Per 10	Per 100	Per 1000
100	18 to 24 inches		\$1.70	\$14.00	\$
400	2 to 3 feet		2.10	18.00	160.00
1200	3 to 4 feet		2.50	22.00	200.00
400	4 to 5 feet		3.20	28.00	—

Divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

290	18 to 24 inches (B&B 25¢ extra)		3.50	30.00	—
140	2 to 3 feet (B&B 30¢ extra)		4.50	40.00	—
150	3 to 4 feet (B&B 40¢ extra)		6.50	60.00	—
180	4 to 5 feet (B&B 50¢ extra)		8.00	75.00	—

Wilsoni, Wilsons Cotoneaster. 5 ft.

Small box-like leaves and red berries. Foliage nearly evergreen.

150	18 to 24 inches (B&B 25¢ extra)		4.00	35.00	—
200	2 to 3 feet (B&B 30¢ extra)		5.00	45.00	—

CYDONIA japonica, Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

800	12 to 18 inches		1.90	16.00	140.00
700	18 to 24 inches		2.50	22.00	200.00
2600	2 to 3 feet		3.20	28.00	250.00
600	3 to 4 feet		3.80	33.00	300.00

Pygmaea, japonica pygmy, Dwarf Japanese Quince. 3-4 ft.

Dwarf form of Cydonia Japonica.

90	12 to 18 inches		1.90	16.00	—
120	18 to 24 inches		2.50	22.00	—
270	2 to 3 feet		3.20	28.00	—

DAPHNE CNEORUM, Garland Flower. 2 ft.

An interesting Evergreen shrub. Attractive rose-pink flowers. April-May.

80	9 to 12 inches, B&B		8.00	75.00	—
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DESMODIUM (See lespedeza)**DEUTZIA gracilis, Slender Deutzia. 3 ft.**

Dwarf, blooms freely. Small pure white flowers. May.

850	9 to 12 inches		1.70	14.00	—
480	12 to 15 inches		2.40	20.00	—
90	15 to 18 inches		2.90	25.00	—

Lemoine Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

110	12 to 18 inches		2.40	20.00	—
185	18 to 24 inches		3.20	28.00	—
80	2 to 2½ feet		4.00	35.00	—

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

300	18 to 24 inches		1.70	14.00	—
400	2 to 3 feet		2.10	18.00	—
560	3 to 4 feet		2.50	22.00	200.00
180	4 to 5 feet		3.20	28.00	—

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

70	18 to 24 inches		.95	8.00	—
170	2 to 3 feet		1.40	12.00	—
320	3 to 4 feet		2.40	20.00	—
150	4 to 5 feet		2.90	25.00	—

(For larger sizes—See Russian Olive under Deciduous Trees)

ORNAMENTAL SHRUBS—Continued

ELDER American, Sambucus canadensis. 8-10 ft.

	Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.	Per 10	Per 100	Per 1000
120	18 to 24 inches	\$1.80	\$15.00	\$
130	2 to 3 feet	2.40	20.00	—
15	3 to 4 feet	3.00	—	—

Cutleaf American acutiloba. 8-10 ft.

	Dark green fern-like leaves, finely cut. White flowers, May-June.	1.40	12.00	—
90	12 to 18 inches	1.80	15.00	—
80	18 to 24 inches	2.50	—	—

Golden American, canadensis aurea. 10-12 ft.

	Hardy rapid growing shrub with outstanding yellow foliage.	2.40	20.00	—
60	2 to 3 feet	2.90	25.00	—
100	3 to 4 feet	—	—	—

Pubens, Scarlet Elder. 8 ft.

	Native, hardy northern shrub. White flowers in June and red fruit, June-August.	2.40	20.00	—
60	18 to 24 inches	3.00	—	—
30	2 to 3 feet	—	—	—

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

	Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.	4.00	35.00	—
100	18 to 24 inches	5.50	50.00	—
300	2 to 3 feet	6.50	60.00	—
200	2½ to 3 feet	8.00	75.00	—

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

	Dwarf, compact form of the type. Splendid for hedges.	4.00	35.00	—
50	12 to 18 inches	5.50	50.00	—
70	18 to 24 inches	8.00	75.00	—

Atropurpureus, Wahoo. 12-15 ft.

	Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.	1.70	14.00	—
350	12 to 18 inches	2.10	18.00	—
300	18 to 24 inches	2.90	25.00	—
250	2 to 3 feet	4.00	35.00	—

European, Burningbush, europaeus. 12-15 ft.

	Dark green foliage with yellow and scarlet fruit in autumn.	2.90	25.00	—
210	2 to 3 feet	3.50	30.00	—
240	3 to 4 feet	4.00	35.00	—

Patens, Spreading Euonymus. 4-5 ft.

	Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.	4.50	40.00	—
200	18 to 24 inches (B&B extra @ 25¢)	7.00	65.00	—
350	2 to 3 feet (B&B extra @ 30¢)	9.00	85.00	—

Yedoensis, Yeddo Euonymus. 12-15 ft.

	Large shrub with masses of pink and orange four lobed fruit.	2.40	20.00	—
25	18 to 24 inches	2.90	25.00	—
80	2 to 3 feet	3.50	—	—

EXOCHORDA grandiflora, Pearl Bush. 8-10 ft.

	Dazzling white flowers in May. Attractive foliage. Prefers moist soil; will thrive in shade.	1.80	15.00	—
70	18 to 24 inches	2.40	20.00	—
110	2 to 3 feet	2.90	25.00	—

ORNAMENTAL SHRUBS—Continued

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

			Per 10	Per 100	Per 1000
1200	12 to 18 inches		\$1.20	\$10.00	\$
500	18 to 24 inches		1.80	15.00	
1200	2 to 3 feet		2.40	20.00	
200	3 to 4 feet		2.90	25.00	
180	4 to 5 feet		4.00	35.00	

Intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

400	18 to 24 inches		1.80	15.00	
800	2 to 3 feet		2.40	20.00	
290	3 to 4 feet		2.90	25.00	
150	4 to 5 feet		4.00	35.00	

Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

150	12 to 18 inches		1.20	10.00	
150	18 to 24 inches		1.80	15.00	
400	2 to 3 feet		2.40	20.00	
800	3 to 4 feet		2.90	25.00	
580	4 to 5 feet		4.00	35.00	

Suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

45	18 to 24 inches		1.90	16.00	
60	2 to 3 feet		2.50	22.00	
200	3 to 4 feet		3.50	30.00	

FRINGE, Purple, See Rhus.**HAMAMELIS, virginiana, Witchhazel. 12-15 ft.**

Succeeds in moist places with partial shade. Yellow flowers late autumn.

300	12 to 18 inches		1.80	15.00	
270	18 to 24 inches		2.50	22.00	
90	2 to 3 feet		3.50	30.00	

HONEYSUCKLE, Lonicera**Bella Albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

130	12 to 18 inches		1.20	10.00	
190	18 to 24 inches		1.80	15.00	
230	2 to 3 feet		2.40	20.00	
100	3 to 4 feet		2.90	25.00	
150	4 to 5 feet		4.00	35.00	

Grandiflora Rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

140	12 to 18 inches		1.20	10.00	
550	18 to 24 inches		1.80	15.00	
400	2 to 3 feet		2.40	20.00	
120	3 to 4 feet		2.90	25.00	

Morrow Honeysuckle, morrowi. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

60	2 to 3 feet		2.50	22.00	
200	3 to 4 feet		3.20	28.00	
160	4 to 5 feet		4.00	35.00	

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE *Lonicera*—Continued**Pink Tatarian, tatarica rosea.** 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

			Per 10	Per 100	Per 1000
180	12 to 18 inches		\$1.20	\$10.00	\$
1100	18 to 24 inches		1.80	15.00	
290	2 to 3 feet		2.40	20.00	
340	3 to 4 feet		2.90	25.00	
220	4 to 5 feet		4.00	35.00	

Red Tatarian, tatarica rubra. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

400	12 to 18 inches		1.20	10.00	
540	18 to 24 inches		1.80	15.00	
150	2 to 3 feet		2.40	20.00	
780	3 to 4 feet		2.90	25.00	
400	4 to 5 feet		4.00	35.00	

HONEYSUCKLE (Also see Hedging)**HYDRANGEA arborescens grandiflora, Snowhill.** 3-6 ft.

Large, double white flowers June-July. Thrives in shady places.

720	12 to 18 inches		2.40	20.00	
200	3 to 3½ feet		4.00	35.00	

Paniculata Grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

2400	12 to 18 inches		2.40	20.00	180.00
1150	18 to 24 inches		2.90	25.00	
1200	2 to 3 feet		3.50	30.00	
60	3 to 3½ feet		4.00	35.00	

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

1400	12 to 18 inches		1.70	14.00	
1120	18 to 24 inches		2.40	20.00	
1180	2 to 3 feet		2.90	25.00	
140	3 to 4 feet		4.00	35.00	

KERRIA japonica, Single Kerria. 4 ft.

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.

220	12 to 18 inches		2.40	20.00	
60	18 to 24 inches		2.90	25.00	

Japonica flore-pleno, Double Kerria. 4 ft.

Similar to above variety with double flowers.

40	9 to 12 inches		1.90	16.00	
120	12 to 18 inches		2.50	22.00	

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

80	12 to 18 inches		2.90	25.00	
90	2 to 3 feet		4.50	40.00	
250	3 to 4 feet		5.50	50.00	

LESPEDEZA, formosa, Purple Bushclover (Desmodium penduliflorum). 5-6 ft.

An herbaceous perennial shrub with attractive purple flowers in September.

60	2-year, No. 1		2.90	25.00	
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ORNAMENTAL SHRUBS—Continued

LILAC, Syringa. 12-15 ft.**French Lilaes, Named Varieties.**

			Per 10	Per 100	Per 1000
12 to 18 inches		\$2.50	\$22.00	\$	-----
18 to 24 inches		3.50	30.00		-----
2 to 3 feet		4.50	40.00		-----
3 to 4 feet		6.50	60.00		-----
d—double	s—single	3/4	2/3	18/24	12/18
Alphonse Lavalle, d violet				140	280
Belle de Nancy, d rose, white center					60
Chas. Joly, d purple					140
*Chas. X., s reddish purple		320	120	150	320
Edouard Andre, d pink			90		-----
French White, s white				30	40
General Pershing, d light blue			40		320
Lucie Baltet, s pink			120		280
Ludwig Spaeth, s purple					120
Mme. Casimir Perier, d white				270	180
Mme. Lemoine, d white					280
Marc Michel, d blue			60		-----
Marie Legraye, s white				490	580
Michel Buchner, d pale lilac			50	50	110
Mont Blanc, s white				30	90
Pres. Grevy, d light blue		220	360	90	-----

*Variety 5¢ less on each grade

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

		Per 10	Per 100	Per 1000
500	12 to 18 inches	\$1.40	\$12.00	\$
350	18 to 24 inches	2.10	18.00	-----
500	2 to 3 feet	2.50	22.00	-----
600	3 to 4 feet	4.00	35.00	-----

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

		1.70	14.00	-----
600	12 to 18 inches			-----
500	18 to 24 inches	2.10	18.00	-----
500	2 to 3 feet	2.90	25.00	-----
340	3 to 3½ feet	4.50	40.00	-----

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
640	12 to 18 inches	\$1.80	\$15.00	\$
600	18 to 24 inches	2.40	20.00	-----
750	2 to 3 feet	2.90	25.00	220.00
1100	3 to 4 feet	3.50	30.00	280.00
1290	4 to 5 feet	4.00	35.00	320.00
145	5 to 6 feet	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

LILAC, Syringa—Continued**Dr. Breitenschneider. 8-10 ft.**

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late.

		Per 10	Per 100	Per 1000
100	2 to 3 feet	\$2.90	\$25.00	\$
400	3 to 4 feet	4.00	35.00	
400	4 to 5 feet	5.00	45.00	

Japonica, Tree Lilac. 18-22 ft.

Loose bunches creamy-white flowers; handsome foliage. June-July.

40	18 to 24 inches	2.50		
100	2 to 3 feet	3.50	30.00	
10	3 to 4 feet	4.00		

Persian Purple, persica. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomagensis superior.

220	12 to 18 inches	1.80	15.00	
190	18 to 24 inches	2.40	20.00	
300	2 to 3 feet	2.90	25.00	
580	3 to 4 feet	3.50	30.00	
450	4 to 5 feet	4.00	35.00	

Rubra de Marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

70	12 to 18 inches	1.90	16.00	
220	18 to 24 inches	2.40	20.00	
90	2 to 3 feet	2.90	25.00	
170	3 to 4 feet	4.50	40.00	

Villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers,

120	2 to 3 feet	2.90	25.00	
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PHILADELPHUS, Mockorange (Syringa)**Banniere. 8 ft.**

New, early, semi-double, pure white. Blooms freely.

50	12 to 18 inches	1.80	15.00	
160	18 to 24 inches	2.40	20.00	
150	2 to 3 feet	2.90	25.00	

Coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

620	12 to 18 inches	.95	8.00	
300	18 to 24 inches	1.70	14.00	
700	2 to 3 feet	2.10	18.00	
350	3 to 4 feet	2.50	22.00	200.00
400	4 to 5 feet	3.20	28.00	

Lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

150	12 to 18 inches	1.20	10.00	
1000	18 to 24 inches	1.90	16.00	140.00
1000	2 to 3 feet	2.40	20.00	180.00
80	3 to 3½ feet	2.90	25.00	

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

2200	18 to 24 inches	2.90	25.00	
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ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.	Per 10	Per 100	Per 1000
60 18 to 24 inches	\$1.40	\$12.00	\$
170 2 to 3 feet	1.90	16.00	-----
290 3 to 4 feet	2.40	20.00	-----
90 4 to 5 feet	2.90	25.00	-----

Goldleaf Ninebark (*Spirea aureus*). 8-10 ft.

Golden leaved variety producing white flowers in May-June.	Per 10	Per 100	Per 1000
140 12 to 18 inches	.95	8.00	-----
180 2 to 3 feet	1.90	16.00	-----
340 3 to 4 feet	2.40	20.00	-----
320 4 to 5 feet	2.90	25.00	-----

Opulifolius Nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

70 2 to 3 feet	2.10	18.00	-----
200 3 to 4 feet	2.50	22.00	-----
300 4 to 5 feet	3.20	28.00	-----

PRIVET—*Ligustrum***Amoor North, *amurensis*. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.	Per 10	Per 100	Per 1000
2200 9 to 12 inches, branched	\$	\$ 4.50	\$ 35.00
1700 2 to 3 feet, 2 and 3 canes	-----	8.50	75.00
1600 2 to 3 feet, 4 canes and up	-----	12.00	100.00
1500 4 to 5 feet, heavy	-----	18.00	150.00

California, *ovalifolium*. 12-15 ft.

An attractive, popular hedge plant where hardy.

2600 9 to 12 inches	3.50	30.00
1800 12 to 18 inches, 3 canes and up	5.00	40.00
2200 18 to 24 inches, 2 canes	5.00	40.00
1200 2 to 3 feet, 3 canes	7.50	65.00

European, *vulgare*. 10-12 ft.

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

2100 2 to 3 feet	12.00	100.00
580 3 to 4 feet	15.00	-----

Ibbolium, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much harder.

2100 12 to 18 inches, 3 canes and up	5.00	45.00
1100 18 to 24 inches, 3 canes and up	7.00	60.00
1400 2 to 3 feet, 4 canes and up	8.50	75.00
1200 3 to 4 feet, 4 canes and up	12.00	100.00

Regal. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

620 12 to 18 inches	12.00	100.00
350 18 to 24 inches	21.00	180.00
1100 2 to 2½ feet	28.00	250.00
680 2½ to 3 feet	40.00	350.00
820 3 to 3½ feet	45.00	-----

ORNAMENTAL SHRUBS—Continued

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**PURPLE FRINGE.** (See *Rhus*.)**RHODOTYPOS kerrioides, Jetbead (White Kerria).** 4-5 ft.

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

			Per 10	Per 100	Per 1000
170	12 to 18 inches		\$1.90	\$16.00	\$
70	18 to 24 inches		2.50	22.00	---
340	2 to 3 feet		3.20	28.00	---
150	3 to 4 feet		4.00	35.00	---

RHUS canadensis, Fragrant Sumac. (Aromatic). 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

550	12 to 18 inches		1.80	15.00	---
1500	18 to 24 inches		2.40	20.00	180.00
2100	2 to 3 feet		2.90	25.00	220.00
30	3 to 4 feet		3.70	32.00	---

copallina, Shining Sumac, 12-14 ft.

Attractive foliage with striking coloring in Autumn. Showy, crimson fruits.

50	18 to 24 inches		2.90	25.00	---
170	2 to 3 feet		4.00	35.00	---
90	3 to 4 feet		4.50	40.00	---

Cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers July-August, making a fine specimen.

40	3 to 4 feet		5.50	50.00	---
100	4 to 5 feet		6.50	60.00	---

Glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.

60	12 to 18 inches		.90	8.00	---
190	18 to 24 inches		1.40	12.00	---
380	2 to 3 feet		2.10	18.00	---

Shredded or Fern-Leaved Sumac, *typhina laciniata*. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.

90	18 to 24 inches		2.10	18.00	---
90	2 to 3 feet		2.50	22.00	---
80	3 to 4 feet		3.20	28.00	---

Trilobata, Skunk bush. 5-6 ft.

Strongly-scented, dwarf shrub; greenish flowers in clustered spikes followed by red, hairy fruit.

30	12 to 18 inches		1.50	13.00	---
100	18 to 24 inches		2.10	18.00	---
30	2 to 3 feet		2.50	22.00	---

Typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.

40	18 to 24 inches		1.40	12.00	---
120	2 to 3 feet		1.90	16.00	---
180	3 to 4 feet		2.50	22.00	---
140	4 to 5 feet		3.50	30.00	---

ORNAMENTAL SHRUBS—Continued

RIBES alpinum, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.

			Per 10	Per 100	Per 1000
50	12 to 15 inches		\$1.70	\$14.00	\$-----
400	15 to 18 inches		2.10	18.00	-
1200	18 to 24 inches		2.50	22.00	200.00
600	2 to 2½ feet		3.20	28.00	250.00
60	2½ to 3 feet		4.00	35.00	-

Odoratum, Golden Currant (Aureum). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

70	12 to 18 inches		1.20	10.00	-----
140	18 to 24 inches		1.70	14.00	-----
250	2 to 3 feet		2.10	18.00	-----
150	3 to 4 feet		2.90	25.00	-----

SALIX purpurea, dwarf blue-leaf Arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

600	15 to 18 inches		2.10	18.00	-----
550	18 to 24 inches		2.50	22.00	-----
130	2 to 2½ feet		3.20	28.00	-----

SNOWBALL. (See Viburnum)**SORBARIA, sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.

100	18 to 24 inches		1.40	12.00	-----
300	2 to 3 feet		1.90	16.00	-----
190	3 to 4 feet		2.50	22.00	-----

SPIREA, Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

1000	15 to 18 inches		2.10	18.00	160.00
2600	18 to 24 inches		2.40	20.00	180.00
1400	2 to 2½ feet		2.90	25.00	220.00

Arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

300	12 to 18 inches		1.10	9.00	-----
190	18 to 24 inches		1.40	12.00	100.00
300	2 to 3 feet		1.90	16.00	140.00
400	3 to 3½ feet		2.40	20.00	180.00

Billiard Spirea, billardi. 5-6 ft.

Bright pink flowers in spikes, July-September.

650	12 to 18 inches		1.10	9.00	80.00
300	18 to 24 inches		1.70	14.00	-----
250	2 to 3 feet		2.10	18.00	-----

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

1000	9 to 12 inches		.95	8.00	70.00
1200	12 to 18 inches		1.20	10.00	90.00
1900	18 to 24 inches		1.70	14.00	120.00
1250	2 to 2½ feet		2.10	18.00	160.00
1600	2½ to 3 feet		2.40	20.00	180.00

ORNAMENTAL SHRUBS—Continued**SPIREA—Continued****Japanese White, *japonica ovalifolia (callosa alba)*. 3 ft.**

				Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.	Per 10	Per 100	Per 1000
270	9 to 12 inches				\$1.70	\$14.00	\$
600	12 to 15 inches				2.10	18.00	
800	15 to 18 inches				2.50	22.00	
100	18 to 24 inches				3.50	30.00	

Korean, *trichocarpa*. 5 ft.

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

100	18 to 24 inches				1.40	12.00	
250	2 to 3 feet				1.90	16.00	
200	3 to 4 feet				2.40	20.00	

Opulifolius, Ninebark. (See *Physocarpus*.)**Prunifolia, Double Bridalwreath. 5-6 ft.**

Small plum-like, double white flowers blooming profusely. Hardy.

80	2 to 3 feet				2.90	25.00	
80	3 to 4 feet				4.00	35.00	

Sorbifolia. (See *Sorbaria*.)**Thunberg Spirea, *thunbergi*. 3-4 ft.**

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

300	18 to 24 inches				2.10	18.00	160.00
250	2 to 2½ feet				2.40	20.00	180.00
100	2½ to 3 feet				2.90	25.00	

Vanhoutte Spirea. 5-6 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

400	18 to 24 inches				1.20	10.00	
6000	2 to 3 feet				1.70	14.00	120.00
4500	3 to 4 feet				2.10	18.00	160.00
1750	4 to 5 feet				2.50	22.00	

SYMPHORICARPOS, Snowberry**Chenaulti, Improved Coral Berry. 6-8 ft.**

New, very small leaves; graceful arching branches; pink flowers, red fruit.

250	18 to 24 inches				1.20	10.00	
1000	2 to 3 feet				1.70	14.00	120.00
170	3 to 3½ feet				2.10	18.00	

Racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

800	12 to 18 inches				.70	6.00	
1160	18 to 24 inches				1.10	9.00	80.00

Vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

800	12 to 18 inches				.70	6.00	
1900	18 to 24 inches				1.10	9.00	80.00
2400	2 to 3 feet				1.70	14.00	120.00
300	3 to 3½ feet				2.10	18.00	

ORNAMENTAL SHRUBS—Continued

SUMAC (See *Rhus*)

TAMARIX

Grown chiefly for its fine, graceful foliage and showy pâncicles of flowers.

		Per 10	Per 100	Per 1000
12 to 18 inches		\$0.95	\$ 8.00	\$ -----
18 to 24 inches		1.40	12.00	-----
2 to 3 feet		1.90	16.00	-----
3 to 4 feet		2.40	20.00	-----

SILVER FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Amurensis	20	180	180	30
Hispida	540	1250	250	-----
Odessana	15	400	350	400

GREEN FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Africana	40	110	140	90
Gallica Indica		60	60	20
Tetandra purpurea	80	220	110	110

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
470 12 to 18 inches	\$2.10	\$18.00	\$ -----
550 18 to 24 inches	2.90	25.00	-----
220 2 to 3 feet	3.50	30.00	-----
35 3 to 4 feet	4.50	-----	-----

Dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

	1.40	12.00	100.00
900 12 to 18 inches	2.10	18.00	160.00
500 18 to 24 inches	2.50	22.00	200.00
1100 2 to 3 feet	3.50	30.00	280.00
250 3 to 4 feet	4.00	35.00	-----
250 4 to 5 feet	4.00	35.00	-----

Lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

	2.10	18.00	-----
100 18 to 24 inches	2.50	22.00	200.00
580 3 to 4 feet	3.50	30.00	280.00
190 4 to 5 feet	4.00	35.00	-----

Lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

	1.70	14.00	-----
250 18 to 24 inches	2.10	18.00	-----
900 2 to 3 feet	2.70	24.00	220.00
900 3 to 4 feet	3.50	30.00	280.00
130 4 to 5 feet	4.50	40.00	-----

Molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

	2.10	18.00	-----
150 18 to 24 inches	2.50	22.00	200.00
460 3 to 4 feet	3.50	30.00	280.00
230 4 to 5 feet	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

			Per 10	Per 100	Per 1000
200	12 to 18 inches		\$2.10	\$18.00	\$-----
1400	18 to 24 inches		2.50	22.00	200.00
875	2 to 3 feet		3.20	28.00	250.00
1100	3 to 4 feet		3.80	33.00	300.00
130	4 to 5 feet		5.00	45.00	\$-----

Opulus Sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

1000	12 to 18 inches		2.10	18.00	160.00
300	18 to 24 inches		2.50	22.00	\$-----
250	2 to 3 feet		3.20	28.00	-----
350	3 to 4 feet		3.80	33.00	300.00
60	4 to 5 feet		4.50	40.00	-----

Prunifolium, Blackhawk. 10-12 ft.

Pure white flowers followed by blue-black berries. April-June.

170	2 to 3 feet		4.00	35.00	-----
300	3 to 4 feet		5.00	45.00	-----
15	4 to 5 feet		6.00	-----	-----

Pubescens, Downy Viburnum. 3-6 ft.

Dwarf grower with greenish white flowers followed by black fruit.

130	12 to 18 inches		2.10	18.00	-----
100	18 to 24 inches		2.90	25.00	-----

WEIGELA, Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

800	9 to 12 inches		1.20	10.00	-----
1000	12 to 18 inches		1.80	15.00	-----
950	18 to 24 inches		2.50	22.00	-----

Rosea, Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers, May-June.

900	12 to 18 inches		1.20	10.00	-----
150	18 to 24 inches		1.90	16.00	-----
200	2 to 3 feet		2.40	20.00	-----
220	3 to 4 feet		2.90	25.00	-----

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, thunbergi, Japanese Barberry.

Per 100 Per 1000

12000	9 to 12 inches, 2 year seedlings, branched		\$ 2.50	\$ 22.00
8000	12 to 18 inches, 2 year seedlings, branched		3.50	30.00
8000	18 to 24 inches, 2 year seedlings, branched		6.00	50.00
10000	6 to 12 inches, 1 year		1.70	14.00
700	9 to 12 inches, transplanted, 2 year branched		6.00	50.00
2200	12 to 15 inches, transplanted, 2 year branched, bushy		12.00	100.00

ORNAMENTAL SHRUBS--Continued

BARBERRY—Continued

Red Leaved, atropurpurea.

			Per 100	Per 1000
3000	9 to 12 inches, 2 year seedlings, branched		\$ 5.50	\$ 50.00
5000	12 to 15 inches, 2 year seedlings, branched		7.00	65.00
5000	15 to 18 inches, 2 year seedlings, branched		9.00	80.00

CARAGANA arborescens, Siberian Peatree.

5000	6 to 12 inches, seedlings		.90	8.00
600	12 to 18 inches, seedlings		1.20	10.00
240	18 to 24 inches, seedlings		1.70	14.00
100	2 to 3 feet, seedlings		2.10	18.00

HONEYSUCKLE, Lonicera, upright hardy varieties.

Tatarian, Pink, Red, White.

500	12 to 18 inches		5.60	50.00
500	18 to 24 inches		8.00	70.00

MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings.)

PRIVET. (See Shrubs.)

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side. Per 10 Per 100 Per 1000

150	2 year Medium		\$2.40	\$20.00	\$
1200	2 year No. 1		2.90	25.00	
2100	3 year No. 1		3.50	30.00	

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

1000	2 year Medium		1.40	12.00	100.00
1250	2 year No. 1		1.90	16.00	140.00
600	3 year No. 1		2.10	18.00	

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

1100	2 year Medium		1.40	12.00	
2400	2 year No. 1		1.90	16.00	140.00
1400	3 year No. 1		2.10	18.00	

ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

100	2 year Medium		1.20	10.00	
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BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

250	2 year No. 1		1.40	12.00	
450	3 year No. 1		1.80	15.00	

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

100	2 year Medium		1.40	12.00	
250	2 year No. 1		1.90	16.00	
340	3 year No. 1		2.40	20.00	

VINES—Continued

CELASTRUS—Continued

Scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

		Per 10	Per 100	Per 1000
400	2 year Medium		\$1.40	\$12.00
1000	2 year No. 1		1.90	16.00
150	3 year No. 1		2.40	20.00

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.

	3 inch pots, staked with 24 inch tops	3.20	28.00	-----
	2 year Medium, dormant	3.50	30.00	-----
	2 year No. 1, dormant	4.50	40.00	-----
		3-inch pots	2-Yr. Med.	2 Yr. No. 1
Henryi, white		100	160	100
Jackmani, purple		320	260	280
Mme. Edouard Andre, red		110	180	140
Ramona, light blue		120	110	180



A truly large-flowering Red Clematis of the Jackmanni type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

	Wholesale Prices	Retail Resale Prices		
	Per 10	Per 100	Each	Per 12
	\$8.50	\$75.00	\$1.50	\$15.00

Crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
120 2 year No. 1		\$1.70	\$14.00

Paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

150 2 year Medium	2.90	25.00	-----
250 2 year No. 1	3.50	30.00	-----

Texensis, Scarlet Clematis (coccinea). 5-6 ft.

Large, bell shaped scarlet flowers. Attractive foliage.

130 2 year No. 1	1.80	15.00	-----
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EUONYMUS

Radicans Colorata, Redleaved Wintercreeper.

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

200 2 year Medium	2.40	20.00	-----
250 2 year No. 1	2.90	25.00	-----
300 3 year No. 1	3.50	30.00	-----

Radicans Vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen. Dark green, thick leaves, producing bright scarlet berries.

200 2 year Medium	3.50	30.00	-----
300 2 year No. 1	4.50	40.00	-----
100 3 year No. 1	5.00	45.00	-----

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

750 2½ inch pot plants	1.20	10.00	-----
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VINES—Continued

HONEYSUCKLE, Lonicera.**Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.
 Per 10 Per 100 Per 1000
 300 2 year No. 1 ----- \$3.50 \$30.00 \$250.00

Hall's Japan, japonica halleiana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.
 400 3 year No. 1 ----- 1.90 16.00 -----

Héckrotti, (Summer King) 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

220 2 year Medium -----	2.10	18.00	-----
400 2 year No. 1 -----	2.50	22.00	-----

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.
 130 2 year Medium ----- 1.40 12.00 -----
 100 2 year No. 1 ----- 1.90 16.00 -----

POLYGONUM auberti, China Fleecevine. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

1800 2 year Medium -----	2.40	20.00	-----
1780 2 year No. 1 -----	2.90	25.00	-----

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.

400 2 year Medium, grown from blooming wood -----	1.70	14.00	120.00
1200 2 year No. 1, grown from blooming wood -----	2.10	18.00	150.00
600 3 year No. 1, grown from blooming wood -----	2.50	22.00	200.00

Chinese Blue or White. 30-40 ft.

Long clusters showy flowers in May.

2 year Medium, grafts -----	2.40	20.00	-----
2 year No. 1, " -----	2.90	25.00	-----
3 year No. 1, " -----	3.50	30.00	-----

2 Yr. -----	2 Yr. -----	2 Yr. -----
Med. -----	No. 1 -----	No. 3 -----

Blue -----	380	370	70
White -----	470	300	40

Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.

180 2 year Medium, grafts -----	1.80	15.00	-----
300 2 year No. 1, " -----	2.40	20.00	-----
170 3 year No. 1, " -----	2.90	25.00	-----

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:
12 to 18 inches at 15¢. 18 to 24 inches at 20¢. 2 to 3 feet at 25¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

ARBOR VITAE, Thuja

Occidentalis Pyramidalis, American Pyramidal. 20-30 ft.

Broad at base, tapering to the top. Straight narrow columnar shape. Splendid for accents or formal plantings. Bright green the year around.	Per 10	Per 100
100 18 to 24 inches	\$11.00	\$100.00
90 2 to 2½ feet	14.00	125.00
40 2½ to 3 feet	16.50	-----

Occidentalis Woodwardi, Woodwards Globe. 2½-3 ft.

Forms a natural globe up to three feet in diameter. Foliage softer and slightly darker than other varieties. Of compact, even, regular shape.	8.00	75.00
80 12 x 12 inches	11.00	-----
35 15 x 15 inches	12.50	-----

FIR, Abies

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree.
Foliage bluish-green. Very drought resisting and may be planted in
dry soils where others cannot survive.

90 2 to 3 feet	14.00	125.00
50 3 to 4 feet	22.50	-----
30 4 to 5 feet	30.00	-----

JUNIPER, Juniperus

CHINENSIS COLUMNARIS GLAUCA, Blue Columnar Chinese Juniper. 20-25 ft.

Very rapid growing Evergreen. Forms a tall narrow column of blue
foliage. Spire-like effect.

10 2½ to 3 feet	17.50	-----
35 3 to 3½ feet	22.50	-----
40 3½ to 4 feet	30.00	-----
20 4 to 4½ feet	35.00	-----
15 4½ to 5 feet	40.00	-----
15 5 to 6 feet	45.00	-----

CHINENSIS Pfitzeriana, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding
almost everywhere.

600 15 to 18 inches	14.00	125.00
1100 18 to 24 inches	16.50	150.00
750 2 to 2½ feet	22.00	200.00
400 2½ to 3 feet	27.50	250.00
350 3 to 3½ feet	32.50	300.00
350 3½ to 4 feet	37.50	350.00
50 4 to 5 feet	45.00	425.00
30 5 to 6 feet	55.00	-----
20 2½ to 3 feet, Staked Upright, Heavy	32.50	-----
80 3 to 3½ feet, " " "	40.00	375.00
100 3½ to 4 feet, " " "	45.00	425.00

EVERGREENS—Continued**JUNIPER—Continued****CHINENSIS PFITZERIANA COMPACTA, Compact Pfitzer Juniper.**

A compact form of the well known Pfitzer Juniper. This new variety remains bushy and compact.

		Per 10	Per 100
20	2 to 2½ feet	\$25.00	\$. . .
20	2½ to 3 feet	30.00	-----

COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

70	15 x 15 inches	14.00	125.00
250	18 x 18 inches	17.50	160.00
90	24 x 24 inches	22.50	200.00

COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.

Low, vase shaped habit of growth. Bright green foliage, light blue berries.

45	2½ to 3 feet	22.50	-----
50	3 to 3½ feet	26.50	-----
70	3½ to 4 feet	30.00	-----

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.

110	15 to 18 inches	12.50	115.00
250	18 to 24 inches	15.00	135.00
200	2 to 2½ feet	20.00	175.00
120	2½ to 3 feet	22.50	200.00
50	3 to 3½ feet	25.00	225.00

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

550	18 to 24 inches	8.00	75.00
800	2 to 3 feet	11.00	100.00
320	3 to 4 feet	16.50	150.00
80	4 to 5 feet	22.50	200.00

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

90	2 to 2½ feet	22.50	200.00
65	2½ to 3 feet	25.00	-----

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

2 to 2½ feet	20.00	175.00
2½ to 3 feet	22.50	200.00

Admirabilis	Eximus	Planifolius
Adpressus		Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

250	15 to 18 inches	12.50	115.00
1700	18 to 24 inches	16.50	150.00
800	2 to 2½ feet	20.00	185.00
400	2½ to 3 feet	25.00	225.00
14	3 to 3½ feet	28.50	260.00

EVERGREENS—Continued

JUNIPER—Continued

SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.

Trailing stems and upright spreading branches. Dark green foliage.

		Per 10	Per 100
40	18 to 24 inches	\$13.50	\$-----
60	2 to 2½ feet	16.00	-----
20	2½ to 3 feet	20.00	-----
20	3 to 3½ feet	25.00	-----
25	3½ to 4 feet	30.00	-----

SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.

Dwarf spreading habit. Foliage silvery green with soft texture.

30	2½ to 3 feet	30.00	-----
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SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

450	18 to 24 inches	15.00	135.00
600	2 to 2½ feet	17.50	160.00
600	2½ to 3 feet	21.00	190.00
650	3 to 3½ feet	25.00	225.00
900	3½ to 4 feet	28.50	260.00
560	4 to 4½ feet	32.50	300.00
390	4½ to 5 feet	40.00	375.00
200	5 to 6 feet	46.00	435.00
50	6 to 8 feet	55.00	-----
220	12 x 12 inches, Globe Sheared	13.50	125.00
200	15 x 15 inches, " "	16.00	150.00
90	18 x 18 inches, " "	22.00	200.00

SCOPULORUM, Montana Silver Juniper. 25-30 ft.

Dull, pointed leaves, whipcord-like foliage, silver-blue to green. More pyramidal habit of growth than Colorado type.

300	18 to 24 inches	15.00	135.00
420	2 to 2½ feet	17.50	160.00
150	2½ to 3 feet	21.00	190.00
70	3 to 3½ feet	25.00	225.00
80	12 x 12 inches, Globe Sheared	13.50	125.00
50	15 x 15 inches, Globe Sheared	16.00	150.00

SCOPULORUM FULGENS. 20-30 ft.

Upright pyramidal habit of growth with bluish-green foliage, more silver at tips.

20	3½ to 4 feet	37.50	-----
20	4 to 4½ feet	42.50	-----

SCOPULORUM FUNALIS. 20-30 ft.

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

35	2½ to 3 feet	27.50	-----
50	3 to 3½ feet	32.50	-----
70	3½ to 4 feet	37.50	-----
40	4 to 4½ feet	42.50	-----
20	4½ to 5 feet	47.50	-----

SCOPULORUM MOFFETI. 20-30 ft.

Pyramidal habit of growth with mixed green and silver foliage, more silver on tips of branches.

85	2½ to 3 feet	27.50	250.00
40	3 to 3½ feet	32.50	-----

EVERGREENS—Continued**JUNIPER—Continued****SCOPULORUM PATHFINDER**

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

		Per 10	Per 100
100	2 to 2½ feet	\$22.50	\$-----
300	2½ to 3 feet	27.50	250.00
300	3 to 3½ feet	32.50	300.00
200	3½ to 4 feet	37.50	350.00
50	4 to 4½ feet	42.50	400.00
25	4½ to 5 feet	47.50	-----

SCOPULORUM SILVER BEAUTY. 20-30 ft.

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

50	2½ to 3 feet	27.50	-----
80	3 to 3½ feet	32.50	300.00
50	3½ to 4 feet	37.50	350.00
15	4 to 4½ feet	42.50	-----

SCOPULORUM WEIRI. 18-25 ft.

Pyramidal habit of growth, full at base with foliage true blue in color.

10	4½ to 5 feet	47.50	-----
15	5 to 6 feet	52.25	-----
15	6 to 8 feet	60.00	-----

SCOPULORUM WELCHI. 20-30 ft.

Grafted columnar type Scopulorum with greenish-silver foliage.

Pyramidal habit of growth retained without shearing.

80	2½ to 3 feet	30.00	275.00
70	3 to 3½ feet	32.50	-----
20	3½ to 4 feet	37.50	-----
10	4 to 4½ feet	42.50	-----

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

580	18 to 24 inches	10.00	90.00
2200	2 to 3 feet	14.00	125.00
1100	3 to 3½ feet	16.50	150.00
800	3½ to 4 feet	20.00	185.00
500	4 to 5 feet	26.00	235.00
300	5 to 6 feet	37.50	350.00
200	6 to 8 feet	50.00	475.00
250	12 x 12 inches, Globe Sheared	12.50	110.00
250	15 x 15 " " "	16.00	135.00
200	18 x 18 " " "	18.00	165.00
90	24 x 24 " " "	22.50	200.00

VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

15	3½ to 4 feet	35.00	-----
50	4 to 4½ feet	40.00	-----
30	4½ to 5 feet	45.00	-----
30	5 to 6 feet	55.00	-----
10	6 to 8 feet	65.00	-----

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

90	2½ to 3 feet	25.00	-----
140	3 to 3½ feet	30.00	275.00
200	3½ to 4 feet	35.00	325.00
75	4 to 4½ feet	40.00	375.00
70	4½ to 5 feet	45.00	425.00
30	5 to 6 feet	50.00	-----

EVERGREENS—Continued

JUNIPER—Continued**VIRGINIANA CANNARTI**, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.	Per 10	Per 100
160 2½ to 3 feet	\$27.50	\$250.00
190 3 to 3½ feet	32.50	300.00
250 3½ to 4 feet	37.50	350.00
190 4 to 4½ feet	42.50	400.00
50 4½ to 5 feet	47.50	—

VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.

25 2½ to 3 feet, sheared upright	25.00	—
25 3 to 3½ feet, sheared upright	30.00	—
20 3½ to 4 feet, sheared upright	35.00	—

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

140 2 to 2½ feet	22.50	200.00
160 2½ to 3 feet	27.50	250.00
70 3 to 3½ feet	32.50	300.00
120 3½ to 4 feet	37.50	350.00
20 4 to 4½ feet	40.00	—

VIRGINIANA PYRAMIDALIS, Pyramidal Red Cedar. 20-25 ft.

Green foliage, narrow columnar habit of growth. An attractive Evergreen.

100 3 to 3½ feet	32.50	300.00
35 3½ to 4 feet	35.00	—
10 4 to 4½ feet	40.00	—
10 5 to 6 feet	50.00	—

VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

10 5 to 6 feet	50.00	—
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PINE, Pinus**MONTANA MUGHUS**, Mugho Pine. 3-4 ft.

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.

220 12 to 15 inches	14.00	125.00
580 15 to 18 inches	18.00	165.00
460 18 to 24 inches	22.50	200.00
50 2 to 2½ feet	27.50	250.00

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

100 18 to 24 inches	12.50	110.00
300 2 to 3 feet	16.50	150.00
250 3 to 4 feet	25.00	225.00
220 4 to 5 feet	35.00	300.00
110 5 to 6 feet	40.00	375.00

MONTEREY, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

140 2 to 3 feet	16.50	150.00
70 3 to 4 feet	20.00	185.00

SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

220 2 to 3 feet	14.00	125.00
250 3 to 4 feet	17.50	160.00
210 4 to 5 feet	22.50	200.00

EVERGREENS—Continued

SPRUCE, PICEA**CANADENSIS, White Spruce. 60-80 ft.**

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

			Per 10	Per 100
190	18 to 24 inches		\$11.00	\$100.00
270	2 to 3 feet		15.00	135.00
120	3 to 4 feet		22.50	200.00
10	4 to 5 feet		25.00	-----

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hariest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

700	15 to 18 inches		10.00	85.00
2200	18 to 24 inches		13.50	115.00
1650	2 to 2½ feet		16.00	140.00
150	2½ to 3 feet		20.00	185.00

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

800	18 to 24 inches		11.00	100.00
255	2 to 3 feet		15.00	135.00
120	3 to 4 feet		22.50	200.00

PUNGENS GLAUCA MOERHEIMI, Moerheim Blue Spruce. 60-80 ft.

A symmetrical grafted type of Blue Spruce. Superior in color and compactness.

50	3½ to 4 feet		80.00	-----
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TAXUS, Yew**CUSPIDATA, Spreading Japanese Yew. 5-6 ft.**

Spreading form. Dark green needles. Valuable for foundation planting.

190	15 to 18 inches		22.50	200.00
100	18 to 24 inches		27.50	250.00
50	2 to 2½ feet		32.50	-----

EVERGREENS FOR LINING OUT

The careful growing and handling of Evergreen Lining Out Stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

50 of any variety and size at the hundred rate
500 of any variety and size at the thousand rate.

Key: **TTT**—Three times Transplanted **RP**—Root Pruned
TT—Two times Transplanted **S**—Seedling
T—Once Transplanted

OUR ROOT PRUNED STOCK WILL PLEASE YOU

ABIES BALSAM (Balsam Fir)

Rapid grower. Color is dark green with lighter green on the under-side. Each twig ends in a globule of balsam gum.

			Per 100	Per 1000
900	9 to 12 inches TTT		\$11.00	\$-----
150	12 to 15 inches TTT		14.00	-----
400	6 to 9 inches RP		5.50	-----
2500	4 to 6 inches RP		5.00	40.00

EVERGREENS FOR LINING OUT—Continued**ABIES CONCOLOR (Concolor Fir)**

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.	Per 100	Per 1000
150 12 to 18 inches TTT	\$16.00	\$-----
350 9 to 12 inches TTT	13.00	110.00
450 9 to 12 inches T	10.00	-----
1000 6 to 9 inches T	8.00	75.00

ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.	9.00	80.00
1000 9 to 12 inches T	6.50	55.00
1500 6 to 9 inches T	7.00	60.00

JUNIPER, Named Varieties, Field grown grafts 18 to 24 inches TTT

65.00 -----
" " " " " 12 to 18 inches TT 50.00 -----

The following are evergreen grafts, on Juniper Virginiana understocks, that have been grown in the open field for one year. They are suitable for transplanting directly in the open field.

	18 to 24 in. TTT	12 to 18 in. TT
Juniper Scopulorum Funalis	200	200
Juniper Scopulorum Pathfinder	400	600
Juniper Scopulorum Silver Beauty	300	300
Juniper Scopulorum Silver Cord	183	-----
Juniper Scopulorum Welchi	600	500

JUNIPER CHINESE

Columnar growing evergreen with foliage light green, slightly bluish in color. Often used as an understock for grafting junipers.

650 9 to 12 inches T	\$10.00	\$ 90.00
350 6 to 9 inches T	7.50	65.00
4000 9 to 12 inches, RP	7.50	65.00
4000 6 to 9 inches RP	6.00	50.00

JUNIPER COMMUNIS DEPRESSA PLUMOSA (Andorra Juniper)

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

60 12 to 15 inches TTT	20.00	-----
600 9 to 12 inches TT	14.00	-----
500 6 to 9 inches TT	12.00	-----

JUNIPER SCOPULORUM (Colorado Type)

Silvery foliage and close symmetrical upright growth. Thrives in hot dry weather, when the color is the brightest. Very hardy.

600 15 to 18 inches TTT	20.00	180.00
1000 12 to 15 inches TTT	18.00	160.00
3000 12 to 15 inches TT	14.00	120.00
3500 9 to 12 inches TT	00.00	-----
3500 6 to 9 inches TT	00.00	-----
4000 9 to 12 inches T	7.00	60.00
4000 12 to 15 inches T	12.00	100.00
8000 12 to 15 inches RP	7.50	65.00
10000 9 to 12 inches RP	6.00	50.00

EVERGREENS FOR LINING OUT—Continued**JUNIPER VIRGINIANA (Platte River Type)**

		Per 100	Per 1000
	Best Virginiana.		
2200	2 to 3 feet TTT	\$25.00	\$225.00
1000	3 to 4 feet TTT	35.00	300.00
1000	18 to 24 inches TTT	20.00	180.00
3000	9 to 12 inches TT	8.50	75.00

PICEA CANADENSIS ALBA (White Spruce)

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

		Per 100	Per 1000
150	18 to 24 inches TTT	\$25.00	\$200.00
600	12 to 18 inches TTT	20.00	170.00
600	9 to 12 inches TT	9.00	80.00
1200	9 to 12 inches T	7.50	65.00
1200	9 to 12 inches RP	6.50	55.00
1000	6 to 9 inches RP	5.50	45.00

PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

2000	9 to 12 inches TTT	15.00	130.00
5000	6 to 9 inches TTT	12.00	100.00
3000	6 to 9 inches TT	9.00	80.00
2200	6 to 9 inches T	7.50	65.00
2000	4 to 6 inches T	5.50	45.00
4000	6 to 9 inches RP	6.00	50.00
2000	4 to 6 inches RP	5.00	40.00

PICEA EXCELSA (Norway Spruce)

A fast growing tree with bright green foliage. Makes a good wind-break as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

500	9 to 12 inches TT	12.00	100.00
1000	12 to 18 inches T	9.00	80.00
1500	6 to 9 inches T	6.00	50.00
1000	6 to 9 inches RP	5.00	45.00

PICEA PUNGENS GLAUCA (Colorado Blue Spruce)

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

500	9 to 12 inches TTT	20.00	180.00
1500	6 to 9 inches TTT	16.00	140.00
2000	6 to 9 inches TT	12.00	100.00
2500	6 to 9 inches T	10.00	90.00
3500	6 to 9 inches RP	7.00	60.00

PINUS BANKSIANA (Jack Pine)

Most northern of all pines. Hardy and fast growing. Foliage bright green.

1000	18 to 24 inches RP	6.00	50.00
2500	12 to 18 inches RP	5.00	40.00
1000	9 to 12 inches RP	4.00	30.00

EVERGREENS FOR LINING OUT—Continued**PINUS MUGHUS DWARF**

Per 100 Per 1000

Dwarf pine of many branches. Used in rockeries and in foundation planting. Seed obtained from the Alps Mountains.		
750 9 to 12 inches TTT	\$22.00	\$200.00
1250 6 to 9 inches TTT	17.50	—
1400 9 to 12 inches TT	18.00	150.00
800 9 to 12 inches T	13.00	110.00
1000 6 to 9 inches T	10.00	90.00
2500 9 to 12 inches RP	8.50	75.00
5000 6 to 9 inches RP	7.50	65.00
4000 4 to 6 inches RP	5.00	40.00

PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

175 18 to 24 inches TTT	25.00	—
3100 9 to 12 inches T	8.00	70.00
1400 6 to 9 inches T	6.00	50.00
4000 12 to 18 inches RP	7.50	65.00
7500 9 to 12 inches RP	5.00	40.00
5000 6 to 9 inches RP	4.00	30.00
6000 4 to 6 inches RP	3.00	20.00

PINUS PONDEROSA (Bull Pine)

A most valuable pine for ornamental, windbreak and timber planting. Very long needles and compact growth makes this tree a desirable one.

7500 9 to 12 inches RP	5.00	40.00
6000 6 to 9 inches RP	3.50	25.00
6000 4 to 6 inches RP	1.80	15.00

PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable.

200 18 to 24 inches TTT	20.00	—
1400 12 to 15 inches TT	12.00	—
1200 9 to 12 inches T	7.00	60.00
4000 9 to 12 inches RP	5.00	40.00
4000 6 to 9 inches RP	4.00	30.00

PINUS SYLVESTRIS REGENSIS (Scotch Pine)

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed from Northern Europe.

500 18 to 24 inches TT	14.00	120.00
200 12 to 18 inches TT	12.00	100.00
1000 9 to 12 inches RP	5.00	40.00
4000 6 to 9 inches RP	4.00	30.00

THUJA ORIENTALIS

Columnar habit. Bright green attractive foliage.

5000 6 to 9 inches RP	5.00	40.00
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ROSES

Growing and distributing Roses of best quality is one of our specialties.

We offer a splendid assortment of Northern California grown roses. These roses are carefully grown; well sprayed during the growing season and dug only when well matured. All roses are carefully graded under our personal supervision and with our exceptional storage facilities for the storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$4.50	\$ 40.00
No. 1½	3.50	30.00
No. 2	2.10	18.00

RED SHADES

	No. 1	No. 1½	No. 2
Ami Quinard , velvety crimson-maroon, vigorous and profuse.	300	---	120
Chas. K. Douglas , free flowering variety, scarlet-crimson. Vigorous.	120	150	180
Chas. P. Kilham , brilliant scarlet-carmine. Double.	---	120	200
Etoile de Hollande , dark velvety-red with fine fragrance.	150	110	1200
Francis Scott Key , large, very double; rich crimson.	120	340	200
Glowing Carmine , lasting fragrant flowers of deep carmine; continuous bloomer.	---	220	50
Grenoble , long-stemmed beautifully shaped blooms of scarlet crimson.	540	5	400
Gruss an Teplitz , medium sized, dark maroon blooms in clusters. Very hardy.	---	---	400
Hadley , deep velvety-crimson with velvety texture.	60	100	---
Margaret McGredy , full blooms of orange-scarlet.	100	---	140
Radiance Red , bright rose-red, form of Radiance.	1460	420	---
Rouge Mallerin , double, well formed blooms of striking and lasting deep red.	---	480	190
Southport , brilliant, unfading scarlet roses with full cupped flowers, very lasting and exceedingly fragrant.	---	260	50
Syracuse , scarlet-crimson on vigorous upright plant. Double.	---	220	180
Vaterland , dark red with coppery reflexes, large, double.	50	90	60
Victoria Harrington , velvety, dark red rose of merit. Intensely fragrant.	260	380	

PINK SHADES

	No. 1	No. 1½	No. 2
Betty Uprichard , salmon-pink stained with coppery red.	740	420	550
Briarcliff , handsome flowers of silvery rose-pink.	---	---	320
Columbia , long stemmed, pointed flowers of vivid pink; fragrant.	50	420	180
Dame Edith Helen , excellent shape, glowing pink, double.	---	---	400
Editor McFarland , shapely buds and double, brilliant pink blooms.	620	1140	740
Leonard Barron , light salmon and shell pink suffused with pale copper. Hardy.	50	100	50
Mrs. Chas. Bell , soft salmon-pink, sweetly perfumed.	100	640	750
Pink Dawn , perfectly formed, pink buds touched with salmon rose.	---	280	90
Radiance Pink , large, brilliant rose-pink. Very fragrant.	1120	280	100
Rapture , large double deep pink blooms on long stems.	50	360	200
Souv. de Mme. C. Chambard , large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center.	60	180	220

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued**

YELLOW SHADES	No. 1	No. 1½	No. 2
Gloriana , a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep of Condesa de Sastago.	380	220	70
Golden Charm , deep unshaded yellow sport of Talisman.	310	450	
Golden Dawn , bud rich sunflower-yellow flushed old rose. Double.	540	400	
Golden Rapture , long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.	550	620	700
Joanna Hill , large, yellow with bronze shadings in center. Fragrant, vigorous.	540	400	
Lady Hillingdon , a popular deep apricot-yellow rose.	450	400	
Lady Margaret Stewart , large deep yellow flushed orange red.	180	100	---
Luxembourg , large, coppery-yellow flowers.	320	780	500
McGredy's Yellow , large bright buttercup-yellow flowers of perfect form and sweetly scented. Foliage is heavy and glossy, dark green on red stems.	220	60	
Mrs. E. P. Thom , large, well shaped, bright canary yellow.	200	---	
Mrs. Pierre S. du Pont , bud reddish-gold, flower deep golden yellow, lighter with age.	800		
Ophelia Golden , golden-yellow. Seedling of Ophelia.	50	250	400
Roslyn , large, double, deep golden-yellow. Vigorous grower.	320	140	
Soeur Therese , double blooms of rich yellow. Vigorous.	250	580	460
Souv. de Claudio Pernet , beautiful long buds opening to full blooms of rich yellow.	560	820	300
Sunburst , rich yellow shaded coppery-orange.	120	---	
Yellow Sastago , vigorous yellow sport of the popular bush variety.	200	260	70

TWO-TONED SHADES

	No. 1	No. 1½	No. 2
Autumn , double blooms of orange, yellow and red. Vigorous and upright.	60	220	
Edith Nellie Perkins , pointed buds, rich orange outside and salmon-pink inside.	540	560	240
Heinrich Wendland , distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse.	100	---	
Hinrich Gaede , bright vermillion toned gold; good form; fragrant, a distinct and excellent variety.	540	480	
Lady Forteviot , fragrant, golden-yellow blooms changing to deep apricot.	100	70	150
Los Angeles , double, luminous coral-pink toned gold at base.	100	320	160
Mev. G. A. van Rossem , vivid orange and apricot on golden-yellow ground.	150	160	
Talisman , glowing golden-yellow stained copper red.	320	400	

WHITE SHADES

	No. 1	No. 1½	No. 2
Caledonia , large double white; long buds opening to large, double flowers.	220	480	290
K. A. Viktoria , popular, snow white, double.	110	420	180
Killarney Double White , large, snow-white, intensely fragrant.	120	180	
Mme. Jules Bouche , white with blush tints in center.	160	320	400

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued**

	Per 10	Per 100
No. 1	\$5.00	\$ 45.00
No. 1½	4.00	35.00
No. 2	2.40	20.00

RED SHADES

No. 1 No. 1½ No. 2

Brazier, pointed buds of burnt-orange opening to a double fragrant flower of flame-scarlet.....

----- 90 70

Poinsettia, bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.....

340 290 200

Red Talisman, Talisman sport. Bud long-pointed; flower large, double, fragrant. Deep cerise-red blending into yellow shade at base.....

120 40 -----

Temno, a desirable dark maroon-red with velvety tones.....

220 320 -----

PINK SHADES

No. 1 No. 1½ No. 2

Dainty Bess, single, waxy petaled rose-pink; wine-red stamens.

100 200 400

Numa Fay, large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.....

80 60 50

Peter's Briarcliff, Briarcliff strain used by Florists for forcing.

----- 200

Picture, velvety clear rose-pink with undertones of salmon. Very double.....

110 300

Pink Delight, fragrant rose-pink. Often used for forcing.....

320 300

The Doctor, large, beautiful buds opening to enormous semi-double, cupped flowers of satiny pink. Fragrant. Plant vigorous and bushy.....

380 400

TWO-TONED SHADES

No. 1 No. 1½ No. 2

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.....

70 300 140

Faience, two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom.....

----- 110 90

Mme. Joseph Perraud, perfectly formed buds and double blooms, shading from shell pink to buff and orange in center.

----- 120 250

Mrs. Sam McGredy, large, long-pointed bud; flower large, double, scarlet-copper-orange, heavily flushed with red on outside of petals. Prolific bloomer.....

----- 220 400

Talisman No. 5, Talisman strain used by Florists for forcing.

400 ----- 350

Treasure Island, flaming coppery-pink, inside of petals light salmon, orange at base, strong stem. Bud long-pointed; flowers large and fragrant. Received highest award of Silver medal at San Francisco Fair; also Certificate of Merit from New York World's Fair in 1940.....

580 560 400

WHITE SHADES

No. 1 No. 1½ No. 2

Snowbird, most prolific, pure white bedding rose. Full-petaled and perfectly formed.....

----- 70 120

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

BABY ROSES—Dwarf Polyantha and Floribunda.

Mostly California Grown

	Per 10	Per 100
No 1	\$4.00	\$ 35.00
No. 1½	2.90	25.00
No. 2	1.80	15.00
No. XX Heavy	4.50	40.00

RED SHADES

No. 1 No. 1½ No. 2 XX

Crimson Baby , small, semi-double, light crimson, dense cluster.	50	480	---	---
Edith Cavell , brilliant scarlet, overlaid velvety crimson.	300	450	370	220
Erna Teschendorf , bright red, semi-double flowers.	-----	280	130	---
Eutin , large clusters of very double, deep red flowers on a vigorous mildew resistant bush.	260	90	---	70
Gloria Mundi , large, fully double, lasting, orange-scarlet, borne in clusters.	840	680	420	280
Ideal , dark scarlet, borne in profusion. Immense, compact bunches.	150	680	---	120
* Kirsten Poulsen , bright scarlet in clusters on long stems.	350	100	60	350
Lafayette Improved , large clusters of bright cherry-crimson.	-----	80	---	100
Red Gloria Mundi , sport of Gloria Mundi with more red predominating.	400	300	70	100
Sparkler , a fine, cluster-flowered type, brilliant red flowers.	100	400	200	30
Triomphe Orleanais , large clusters of cherry-red.	200	400	680	200

PINK SHADES

No. 1 No. 1½ No. 2 XX

Cameo , a distinct shade of shell-pink and salmon, with a glow of gold.	180	120	---	180
Chatillon , vivid, light salmon-pink, semi-double flowers in enormous heads.	70	340	---	70
Ellen Poulsen , double, bright rose-pink. Fragrant.	50	-----	-----	100
* Else Poulsen , bright, rose-pink, semi-double, lasting.	-----	540	-----	-----
* Pink Gruss an Aachen , deep salmon rose-colored sport of Gruss an Aachen.	-----	160	-----	-----

YELLOW AND TWO-TONED SHADES

No. 1 No. 1½ No. 2 XX

Golden Salmon , bright orange-salmon. Fine for mass planting, blooms continually.	30	550	620	20
Golden Salmon Superior . An improvement on Golden Salmon.	100	120	---	100
Orange Triumph , salmon-red with orange shadings, blooming in enormous clusters.	-----	350	110	---
* Poulsen's Yellow , bud copper, yellow flowers semi-double, intensely fragrant.	-----	150	90	---

Varieties () are classed as Floribundas

RUGOSA, HYBRIDS AND MISCELLANEOUS

Mostly Own Roots

	Per 10	Per 100	Per 1000
Agnes , double yellow rugosa, fragrant, blooms early.	\$4.00	\$35.00	\$ -----
90 2 to 3 feet	2.90	25.00	-----
60 18 to 24 inches	-----	-----	-----
Amelia Gravereaux , carmine-red, borne on long stems.	3.50	30.00	-----
60 18 to 24 inches	2.50	22.00	-----
130 12 to 18 inches	1.90	16.00	-----
200 9 to 12 inches	-----	-----	-----

ROSES—Continued

RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

Austrian Copper, single brilliant orange-red flowers inside, yellow outside.

		Per 10	Per 100	Per 1000
	170 2 to 3 feet	\$4.00	\$35.00	\$-----
Belle Poitevine , bright pink in clusters, everblooming.				
	300 2 to 3 feet	2.70	24.00	220.00
	1000 18 to 24 inches	2.40	20.00	180.00
	300 12 to 18 inches	1.70	14.00	120.00
Blanda , soft pink flowers borne in clusters.				
	80 3 to 4 feet	2.90	25.00	-----
	300 2 to 3 feet	2.40	20.00	-----
	350 18 to 24 inches	1.90	16.00	-----
	280 12 to 18 inches	1.40	12.00	-----
Carolina , bright rose-pink flowers borne singly in clusters.				
	2 to 3 feet	2.40	20.00	-----
	18 to 24 inches	1.90	16.00	-----
	12 to 18 inches	1.40	12.00	-----
Dr. Eckener , large, semi-double flowers, coppery rose in center. Vigorous and hardy.				
	110 12 to 18 inches	2.50	22.00	-----
F. J. Grootendorst , small bright red flowers in clusters.				
	700 12 to 18 inches	2.90	25.00	-----
	1850 9 to 12 inches	2.40	20.00	180.00
Grootendorst Supreme , sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.				
	300 2 to 3 feet	4.50	40.00	-----
	150 12 to 18 inches	2.90	25.00	-----
Hansa , double, reddish flowers of large size.				
	1400 2 to 3 feet	2.90	25.00	220.00
	380 18 to 24 inches	2.40	20.00	-----
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.				
	350 3 to 4 feet	4.00	35.00	-----
	300 2 to 3 feet	3.20	28.00	-----
	170 18 to 24 inches	2.50	22.00	-----
Lucida , bright pink flowers followed by shining red fruit.				
	190 3 to 4 feet	3.50	30.00	-----
	1100 2 to 3 feet	2.70	24.00	220.00
	800 18 to 24 inches	2.40	20.00	180.00
	460 12 to 18 inches	1.70	14.00	-----
Mrs. Anthony Waterer , double crimson, Rugosa foliage.				
	390 2 to 3 feet	2.90	25.00	-----
	300 18 to 24 inches	2.40	20.00	-----
	100 12 to 18 inches	1.80	15.00	-----
Rugosa Alba , splendid foliage with single white blooms.				
	70 18 to 24 inches	4.00	35.00	-----
	100 12 to 18 inches	2.90	25.00	-----
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
	300 3 to 4 feet	3.50	30.00	-----
	1200 2 to 3 feet	2.70	24.00	220.00
	600 18 to 24 inches	2.40	20.00	180.00
	790 12 to 18 inches	1.70	14.00	120.00
Setigera , bright pink flowers, big clusters, blooms late.				
	2100 2 to 3 feet	2.40	20.00	180.00
	1600 18 to 24 inches	1.90	16.00	140.00
	900 12 to 18 inches	1.40	12.00	100.00
Sir Thomas Lipton , snowy white flowers of good size.				
	300 2 to 3 feet	2.90	25.00	-----
	200 18 to 24 inches	2.40	20.00	-----
	150 12 to 18 inches	1.80	15.00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS

California Grown

Our Climbing Roses are mostly on own roots, are good stock, well graded, and we are confident will please.

Brownell Hardy Climbers—See Patented Roses for prices and description.

Chaplins Pink, a fine pink rose. Paul's Scarlet type. Per 10 Per 100 Per 1000

150 No. 1	\$4.00	\$35.00	\$-----
200 No. 2	2.40	20.00	-----

Climbing American Beauty, flowers rich red to Crimson.

1200 XX, Heavy	4.50	40.00	-----
900 No. 1	4.00	35.00	-----
150 No. 2	2.40	20.00	-----

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

450 XX, Heavy	3.50	30.00	-----
520 No. 1	2.90	25.00	-----

Dorothy Perkins, soft shell pink flowers.

200 XX, Heavy	3.50	30.00	-----
450 No. 1	2.90	25.00	-----
280 No. 2	1.80	15.00	-----

Dr. Van Fleet, pale pink buds and flowers on long stems.

820 No. 2	2.40	20.00	-----
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Excelsa, double scarlet crimson blooms.

220 No. 1	2.90	25.00	-----
180 No. 2	1.80	15.00	-----

Flash—See Patented Roses for prices and description.

Flower of Fairfield, deep crimson, similar to Crimson Rambler.

70 XX, Heavy	3.50	30.00	-----
250 No. 1	2.90	25.00	-----
210 No. 2	1.80	15.00	-----

Horvath Setigera Climbers—See Patented Roses for prices and descriptions.

Jacotte, deep orange-yellow, tinted coppery-red.

250 No. 2	2.40	20.00	-----
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Mme. Gregoire Staechelin, pink blooms with lightly curled petals on long stems.

100 No. 2	2.40	20.00	-----
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Paul's Scarlet, intense scarlet flowers of excellent shape and good size, borne in clusters.

620 XX, Heavy	4.50	40.00	-----
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Seven Sisters, double, deep pink, borne in large clusters.

400 No. 1	2.90	25.00	-----
90 No. 1½	2.40	20.00	-----
310 No. 2	1.80	15.00	-----

Silver Moon, large buds, creamy white flowers semi-double, golden anthers, small sprays.

180 No. 1½	2.40	20.00	-----
220 No. 2	1.80	15.00	-----

Tausendschön, large clusters, flowers soft pink to white.

160 No. 1	2.90	25.00	-----
400 No. 1½	2.40	20.00	-----
300 No. 2	1.80	15.00	-----

White Dorothy, small double flowers, creamy white in great clusters.

350 No. 1	2.90	25.00	-----
250 No. 1½	2.40	20.00	-----
400 No. 2	1.80	15.00	-----

Wichuriana (Memorial Rose), Clusters of white flowers, trailing habit, glossy leaves fine ground cover.

1200 No. 1	2.70	24.00	220.00
500 No. 1½	2.25	19.00	160.00

ROSES—Continued**PATENTED ROSES**

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

ALL-AMERICA ROSE SELECTIONS

All-America Rose Selections, A.A.R.S., an organization of the leading Rose growers located in various parts of the United States, was organized in 1933 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-America Rose Selections". These are the finest of the new varieties.

		Each	Per 10	Per 100
750	Charlotte Armstrong , Patent No. 455. (Retails \$1.25 each; \$12.50 per doz.) Unique color with long slender blood red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop.-----	\$0.75	\$ 7.00	\$ 60.00
120	Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks.-----	.60	5.50	50.00
450	Grande Duchesse Charlotte , H.T., New. (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. Award of "All-America Rose Selections" for 1942.-----	1.00	9.00	75.00
160	Mary Margaret McBride , Patent No. 537. (Retails \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. Award of "All-America Rose Selections" for 1942.-----	1.00	9.00	-----
720	The Chief , Patent No. 456. (Retails \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame rose, opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew.-----	.60	5.50	50.00

HYBRID TEA

		Each	Per 10	Per 100
320	Anzac (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Large buds of azalea-pink opening to large, unusually double flowers with coppery-scarlet sheen, on long stem.-----	\$1.00	\$ 9.00	\$ 75.00
120	Bright Wings (Patent applied for.) (Retails \$1.50 each; \$15.00 per doz.) Beautiful buds of rosy burnt-orange color opening to a 4 to 5 inch flower turning coral-pink showing golden anthers in center.-----	1.00	9.00	75.00

ROSES—Continued**PATENTED ROSES—Continued** Each Per 10 Per 100

200	Countess Vandal , Patent No. 138. (Retails \$1.00 each; \$10.00 per doz. Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.)	.60	\$ 5.50	\$ 50.00
55	Crimson King (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Well formed blooms of velvety crimson on strong stems. A cross with Crimson Glory.	1.00	9.00	-----
200	Fantastique (Patent applied for.) (Retails \$1.50 each; \$15.00 per doz.) An interesting type with plant habit similar to Gruss an Aachen. The lovely creamy-yellow flowers have the edge of each recurved petal brushed with vivid carmine.	1.00	9.00	75.00
80	Jewel , Patent No. 382. (Retails \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance.	.60	5.50	50.00
140	Mme. Henri Guillot , Patent No. 337. (Retails \$1.25 each; \$12.50 per doz.) A charming, two-toned rose. The Artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.	.75	7.00	60.00
150	Pearl Harbor (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered.	1.00	9.00	75.00
500	Santa Anita , Patent No. 539. (Retails \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink.	.60	5.50	50.00
780	Texas Centennial , Patent No. 162. Hoover sport. Bright vermillion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages.	.50	4.50	40.00
380	Will Rogers , Patent No. 256. (Retails \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage.	.60	5.50	50.00

FLORIBUNDA

20	Donald Prior , Patent No. 377. (Retails \$1.00 each; \$10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.	.60	5.50	-----
140	Permanent Wave , Patent No. 107. Retails \$1.00 each; \$10.00 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy.	.60	5.50	50.00

CLIMBERS

120	Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks.	.60	5.50	-----
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ROSES—Continued**PATENTED ROSES—Continued****NEW HORVATH SETIGERA ROSES**

Hardiness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

Each Per 10 Per 100

300	Hercules , Patent No. 296. (Retails \$2.00 each; \$20.00 per doz.) Huge flowers of clear rose-pink, slow in opening and long lasting; abundantly produced on stem and laterals. Ultimate height 14 to 15 feet.	\$1.25	\$11.00	\$100.00
450	Mabelle Stearns , Patent No. 297; (Retails \$1.50 each; \$15.00 per doz.) Peach-blossom-pink with silvery reflexed petals, center showing orange undertone, and produced in panicles. Everblooming. Ultimate height about 2 feet, spreading from 6 or 8 feet, if permitted.	1.00	9.00	75.00
180	Mercurius , Patent No. 385. (Retails \$2.00 each; \$20.00 per doz.) Sparkling two-toned apricot and coral-pink. Large open flowers are produced abundantly on stem and laterals. Ultimate height 7 to 9 feet.	1.25	11.00	100.00
420	Polaris , Patent No. 386. (Retails \$1.50 each; \$15.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters.	1.00	9.00	75.00
280	Thor , Patent No. 337. (Retails \$2.50 each; \$25.00 per doz.) Perfectly formed flowers of brilliant scarlet-red are slow in opening and measure 4 to 5 inches when fully open. Produced abundantly on stiff spur branches 12 to 18 inches long. Ultimate height about 8 to 10 feet.	1.50	14.00	125.00

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color, and plants many times longer lived even after sub-zero winters.

Each Per 10 Per 100

85	Anne Vanderbilt , Patent No. 504. Retails \$1.50 each; \$15.00 per doz.) Exquisite coppery orange, informal, semi-double, very brilliant, fragrant.	1.00	\$ 9.00	\$ 75.00
50	Break O'Day , Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring.	1.00	9.00	75.00
100	Shades of Autumn , Patent No. 542. (Retails \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty.	1.00	9.00	75.00

BROWNELL SUB-ZERO HARDY CLIMBERS

50	Copper Glow , Patent No. 458. (Retails \$1.50 each; \$15.00 per doz.) Deep coppery orange, delightfully spicy fragrance, latest color sensation.	1.00	9.00	-----
30	Golden Glow , Patent No. 263. (Retails \$1.50 each; \$15.00 per doz.) This is the spectrum yellow fragrant, abundant mass color display—of which the N.Y. World's Fair Management planted 200, named the area "Rose Court" and they were proud of the display.	1.00	9.00	-----
30	Golden Pyramid , Propagation rights reserved. Retails \$1.50 each; \$15.00 per doz.) Cadmium yellow, most vigorous of all climbers.	1.00	9.00	-----

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

ACHILLEA — Milfoil or Yarrow (RG)	Per 10	Per 100
Ptmarica, The Pearl. Large double white. 18 in. June-July.....	\$ 1.15	\$ 9.00

ALTHEA ROSEA, Hollyhock.

Double Varieties	1.20	10.00
Haille Selassie, Maroon, almost black		
Purple Amaranth, Deep purple		

ANCHUSA, Bugloss.

Italica Var. Dropmore. Bright blue. 3 to 4 ft. All summer.....	1.15	9.00
Myosotidiflora (RG) Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	1.40	12.00

ANEMONE, Windflower (RG)

Pulsatilla. Violet. 12 in. April-May.	1.80	15.00
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AQUILEGIA, Columbine. May-June. (RG)

Clematiflora. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.....	1.40	12.00
Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May-June. 24 in.....	1.80	15.00
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.....	1.40	12.00
Longissima. Delicate pale yellow. Extra long spurs.....	1.40	12.00
Long Spurred Pink. Rose shades. Extra long spurs.....	1.20	10.00
Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.....	1.20	10.00
Rose Queen. Rose shades, White, Corolla.....	1.20	10.00

ARMERIA.

Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. High.	1.40	12.00
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ASCLEPIAS, Butterfly Weed (RG)

Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	1.15	9.00
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ASTERS

NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.....	1.40	12.00
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Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00
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Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.....	1.40	12.00
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PERENNIALS—Continued

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties.
Very large in bloom and extremely colorful. Per 10 Per 100

Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.-----\$ 1.80 \$15.00

Royal Blue. Large, semi-double, clear blue. 2½ ft. September.----- 1.40 12.00

BOLTONIA, False Chamomile.

Latisquama. Pink, aster-like flowers. September. 4 ft.----- 0.95 8.00

CAMPANULA, Bellflower.

Calycanthema (Cup and Saucer). In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.----- 1.20 10.00

Medium (Canterbury Bells). In separate colors, Blue, and Rose. June. 2 ft. 1.20 10.00

CENTAUREA, Hardheads or Knapweed.

Montana. Violet-blue flowers, large. July to September. 2 ft.----- 1.15 9.00

CHRYSANTHEMUMS

Dormant plants on all varieties of early blooming Chrysanthemums are difficult to store. We recommend well established pot plants that will bloom the following fall. Varieties (*) starred can be furnished in both dormant and potted stock. Varieties not starred are available in pot plants only. Please specify your preference.

CUSHION Chrysanthemums, Sometimes called "Million Mums" or "Azaleamums".

A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 inches high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.

***Bronze Cushion.** As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.----- 1.70 14.00

Dean Kay Pink. Deep pink color, similar to pink cushion, except larger.----- 1.80 15.00

Dean Kay Yellow. An improved Yellow Cushion Chrysanthemum, very worth while.----- 1.80 15.00

Dean Ladd. An improved reddish-bronze Cushion Chrysanthemum. Flowers 2 to 2½ in. Height 18 in.----- 1.80 15.00

***Pink Cushion.** Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.----- 1.40 12.00

Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.----- 1.70 14.00

***White Cushion.** Snow white flowers with a faint yellow center.----- 1.70 14.00

Yellow Cushion. Pure golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Producing hundreds of strikingly beautiful flowers. Flowering the first of October.----- 1.80 15.00

UPRIGHT CUT FLOWER VARIETIES.

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches. 1.80 15.00

Barbara Cumming (Bristol). Large, bronze-yellow. 3 inches across blooms. Early September. Height 18 in.----- 1.40 12.00

***Clara Curtis** (Bristol). Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.----- 1.40 12.00

***Early Bronze**. Pom Pom. Bronze yellow, free blooming, early flowering. Late August. 18 in.----- 1.40 12.00

Eugene A. Wender (Bristol). Sparkling, golden-yellow blooms. Early September. Height 18 in.----- 1.80 15.00

Mt. Ranier (U.S.D.A.) Very fine white variety. The best of all new white varieties. Early September. 18 inches----- 1.80 15.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

		Per 10	Per 100
*Mrs. P. S. Dupont.	A lovely soft peach pink tinted rosy salmon and fawn. Full flower in early October.	\$ 1.80	\$15.00
*Normandy Pink.	Large, creamy-pink. Late September. 18 in.	1.20	10.00
*Pale Moon. (Bristol).	Large, fluffy blossoms, soft yellow. Early October. 2 ft.	1.40	12.00
Red Flare.	Pom Pom. Matures October 15th. 20 in.	1.40	12.00
Rose Glow (Bristol).	Raspberry, rose-pink. Mid-September. 2 ft.	1.40	12.00
*Ruth Marion Hatton (Bristol).	Bright, canary-yellow blooms 3 inches across. Height 2 ft. Blooms early October.	1.40	12.00
*September Jewells.	Blooms 2 to 4 weeks ahead of any other type. Has many beautiful colors. 1 to 2 ft.	1.40	12.00

CHYSANTHEMUM MAXIMUM, Shasta Daisy

Alaska.	Large white flowers, June to August. 2 ft.	1.15	9.00
Diener's Fancy Chiffon Fringe.	Large 5-inch blooms, fancy Chiffon petals (novelty).	1.40	12.00
White Fairy.	New long stem. Giant white fringed flowers. Blooms July and August.	1.15	9.00

COREOPSIS, Tickseed.

Double Sunburst.	Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.	1.20	10.00
Mayfield Giant.	An improved, large single, of brilliant yellow.	1.40	12.00

DELPHINIUM, Larkspur.

Belladonna, Clivendon Beauty.	Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.	1.20	10.00
Bellamosa.	Dark blue, blooms all summer. 4 ft. Strong 1 year plants.	1.15	9.00
Bellamosa LaMartine.	Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.	1.20	10.00
B. & L. XXX Strain Mixed.	This English strain is one of the finest de- veloped in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.	1.40	12.00
Gold Medal Hybrid.	Tall, well filled double and semi-double flowers from purplish blue to white.	1.20	10.00

DELPHINIUM Chinese

Blue Mirror.	This Chinese larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal disposition. Height 1½ to 2 ft.	1.15	9.00
Chinese Alba		.80	7.00
Chinese Blue		.80	7.00

DELPHINIUM PACIFIC HYBRID STRAINS

(Potted Stock)

Pacific Coast Hybrid Delphinium	are all double, very highly developed strain produced on the Pacific Coast, from hence it gets its name.		
Galahad.	Giant new race of whites having all the good quality formerly lacking in white Delphinium. Individual flowers 3 inches in diameter, large, well formed spikes, high percentage of mildew resistance.	2.10	18.00
Guinevere.	Light lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Mildew resistance 50 to 70 percent.	2.10	18.00
Pacific Hybrids Mixed.	A mixture of the Standard Pacific Strain colors. Very fine.	1.40	12.00

PERENNIALS—Continued

DIANTHUS

Per 10 Per 100

Barbatus, Old Fashioned Sweet Williams.		
This is the Old Fashioned Sweet William, bearing clove scented flowers in greatest profusion in May and June. Excellent for cutting. We offer these in the following varieties Double White, Scarlet Beauty and Splendens (pink).-----	\$ 1.15	\$ 9.00
Homeland. A most unusual color, dark red with large sharply defined clear white center.-----	1.20	10.00
Dbl. Dwarf Midget. 3 to 4 inches tall. The color range is from White, Chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.-----	1.20	10.00
Latifolius, Atrocineous, Fl. Pl.		
Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.-----	1.20	10.00
Plumarius, Hardy Garden Pinks.		
Alwoodi. This is a new type of Alwoodi pink imported from England. Very fragrant.-----	1.20	10.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.-----	1.15	9.00
Spring Beauty. Double giant flowered Carnation like form and size and with a beautiful color range. Very fragrant.-----	1.20	10.00

DICENTRA, Bleeding Heart.

Eximia (RG) This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.-----	1.80	15.00
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DIGITALIS, Fox Glove

Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate. Blooms in June-July.-----	1.20	10.00
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EUPATORIUM, Hardy Ageratum.

Coelstinum. Very hardy plant. Light purple-blue flowers. September. 18 to 24 in.-----	1.20	10.00
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FERNS, Hardy Outdoor (RG)

Goldie's Wood. (Aspidium). Evergreen variety. 2 ft.-----	1.40	12.00
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Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.

Maiden Hair (Spleenwort Asplenium Tricomanis). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.

Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pin-nules. 2 to 3 ft.

FUNKIA, Plaintain Lily (RG).

Caerulea. Lovely blue flowers, leaves broad. August-September. 18 in.-----	1.40	12.00
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FUSCHIA, Hardy.

Senorita. New improvement on Scarlet Beauty, recommended for its hardiness. Plants are upright and compact, carrying from July until frost an abundance of flowers of flaming rose-red with mulberry-purple corolla and golden yellow stamens, 3 inch Pot Plants-----	3.20	27.50
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GAILLARDIA, Blanket Flower (RG)

Burgundy. Wine red flower with beautiful sheen. 'June until frost. 1½ to 2 ft.-----	1.20	10.00
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Dazzler. Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.-----	1.20	10.00
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Goblin. Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers.-----	1.20	10.00
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Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.-----	1.20	10.00
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Torch Light. Bright golden yellow, rich maroon center. 2 ft.-----	1.20	10.00
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PERENNIALS—Continued

GEUM, Avens (RG)

Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in. Per 10 \$1.40 Per 100 \$12.00

GYPSOPHILA, Baby's Breath.

Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft. 3.50 30.00

Paniculata Compacta. Pinkish white. July. 2 ft. .95 8.00

Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting. Potted Stock. 2.10 18.00

Snow White Dbl. Pure White double strain. 2 ft. 1.20 10.00

HELENIUM, Sneezeweed

Chipperfield Orange. Large heads of copper and gold blooms. August to September. 4 feet. 1.40 12.00

Riverton Gem. Old gold suffused with bright terra cotta changing to wall-flower red. August to October. 3 to 4 feet. 1.20 10.00

HEMEROCALLIS, The Improved Day Lily

This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered.

August Pioneer. An absolutely new introduction by Dr. Stout. Orange with a reddish flush. Profuse August-September bloomer. 34 in. 2.90 25.00

Apricot. Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer. 1.40 12.00

Gold Dust. Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in. 1.80 15.00

Golden. Fine, deep, golden orange. Early July. 3 ft. 1.80 15.00

Highboy. Pale yellow. 5 ft. 2.90 25.00

Kwanso Flore Pleno. Large, double, copper shaded, crimson blooms. July-August. 42 in. stem. 1.80 15.00

Margaret Perry. The forerunner of a new race of Hybrids. Carnelian red flowers with a bright yellow star at the throat, which continues out to the tip of each petal in the form of a conspicuous narrow yellow stripe. July, August and September. 50 in. 2.90 25.00

Mikado. Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches. 2.90 25.00

Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August. 2.40 20.00

HEUCHERA.

Sanguinea. Rosy red blooms, very free flowering. 15 in. Blooms in May. 1.40 12.00

HIBISCUS, Mallow.

Giant Flowering. A wonderfully improved form of native Marshmallow or

Rose Mallow. Separate colors, Pink, Red and White. August and September. 4 to 5 ft. .95 8.00

HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.

Strong 2½ inch pot plants. 1.40 12.00

IBERIS, Hardy Candytuft.

Gibraltarica. Very desirable dwarf plant with evergreen foliage, covered by dense heads of flowers in early Spring. Height 8 in. 1.40 12.00

PERENNIALS—Continued

* LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.	Per 100	Per 1000
This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.	\$ 1.20	\$10.00
LIATRIS, Blazing Star or Gay-Feather. (RG)		
Spicata. A good clear purple blooming before Pycnostachya. Spikes about 3 feet in height.	1.20	10.00
LILY OF THE VALLEY		
Extra strong plants with long roots. Fine foliage and profuse bloomers.		
Pips	.35	3.00
Clumps, dug with original soil.	2.40	20.00
LOBELIA		
Cardinalis (Cardinal Flower). Rich fiery cardinal flowers. 36 inches.	1.40	12.00
LUPINES.		
Russell Lupines. This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 5 feet tall with extraordinary color combinations.	\$100.00 Per M)	1.40 12.00
LYCHNIS, Champion (RG)		
Chalcedonica (Maltese Cross), vivid scarlet flowers. 36 inches.	1.20	10.00
MATRICARIA, Double Mayweed, Feverfew (RG)		
Capensis. Striking double golden yellow. 8 inches.	1.20	10.00
MONARDA, Bee Balm.		
Didyma. Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.	1.40	12.00
Salmon Queen. Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.	1.20	10.00
MYOSOTIS, Forget-me-not (RG).		
Lovely flower, familiar to almost everyone. Blooms in early spring.		
Palustris (Alpine Forget-Me-Not) Tiny blue flowers. Blooms all summer. 8 in.	1.20	10.00
Suttons Royal Blue.	1.20	10.00
OENOTHERA, Evening Primrose (RG)		
Make continuous display of color in rock garden.		
Missouriensis. Lovely yellow solitary flowers often 4 in across. Low grower with prostrate ascending branches, profuse bloomer. June to August. 10 in.	1.20	10.00
PACHYSANDRA, Japanese Spurge. (RG).		
Terminalis. Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.	1.40	12.00

PAPAVER ORIENTALIS

(For Shipment August or September, 1944)

These named varieties or Oriental Poppies, with the exception of Hybrids, are grown from rooted cuttings. They will be twice transplanted, insuring a heavy plant with good root system. For most successful results Poppies should be planted in August or September. Prices subject to change without notice.	Per 10	Per 100
Barr's White. Large pure white with purple-black spots.	\$ 2.90	\$25.00
Beauty of Livermore. Deep blood-red, extra large, distinctive foliage, sturdy erect stems. 39 in.	1.40	12.00
Betty Ann. Beautiful crinkled flower of La France pink, no spots. Profuse bloomer. 24 in.	1.80	15.00
Big Jim. Mammoth, gorgeous flowers of deep maroon. 36 in.	2.40	20.00

PERENNIALS—Continued

PAPAVIER ORIENTALIS—Continued

		Per 100	Per 1000
Cavalier. Extra large flowers, deep scarlet-red. 34 in.		\$ 1.80	\$15.00
Cerise Beauty. Cerise-pink blooms with black-purple blotches in the center. 32 in.		1.80	15.00
Cheerio. Shell-pink, cherry-red base spots.		2.40	20.00
Colonel Bowles. Scarlet-red, immense flowers. 26 in.		2.10	18.00
Dainty Lady. A delicate shade of shell-pink with a rose blotch.		2.40	20.00
Echo. Light silvery-pink with a light maroon blotch. 30 in.		4.00	37.50
Fairy. A rose-pink, dwarf, very free blooming.		1.40	12.00
Field Marshall. One of the pleasing new whites, black blotch. 32 in.		2.90	25.00
Flashy Glow. Yellow with an orange cast. 30 in.		1.80	15.00
Gaiety. Light iridescent pink.		2.10	18.00
Gold of Ophir. Golden-orange. Develops nearest yellow of any Oriental Poppy. 24 in.		2.10	18.00
Grossfurst. Shiny red, coal black spots. 34 in.		2.10	18.00
Helen Elizabeth. Light La France pink. Petals are deeply crinkled. 34 in.		2.10	18.00
Henry Cayeaux Improved. Blooms are a peculiar tint of ashes of roses, or old rose shaded burgundy.		2.10	18.00
Hercules. True scarlet, immense flowers. 42 in.		2.10	18.00
Jean Mawson. A nice salmon-pink. 32 in.		1.80	15.00
Joyce. Cherry-red flowers of medium size.		1.40	12.00
Lulu A. Neeley. Good strong stems support flowers of brilliant ox-blood red. 34 in.		1.80	15.00
Mrs. G. Potts. Soft shade of orange with a tinge of red.		1.40	12.00
Mrs. Perry's Pink. Apricot-pink, often called Apricot-orange. Petals marked with a brown blotch. 29 in.		1.40	12.00
Mrs. Perry's White. Satiny white with a crimson-maroon blotch at the base of each petal.		2.90	25.00
Mandarin. A splendid scarlet with no spots in the flower of established plants. 28 in.		1.40	12.00
Mary Jane Miller. Intense shade of geranium pink, carried on long stiff stems.		1.80	15.00
Nancy. Deep crimson flowers on long stems, with glossy black blotches at the base of each petal. 28 in.		1.80	15.00
Negrillon. Purplish-red with a shade of brown. 30 in.		2.10	18.00
New Perfection. Rose Dawn—A new rose-pink with black blotch.		1.80	15.00
Olympia. Orange-red, borne on sprawling stems. 32 in.		1.40	12.00
Oriental Hybrids. Scarlet-crimson.			
2 Year Transplants		1.20	10.00
1 Year Transplants		1.00	8.00
1 Year Seedlings	(\$45.00 Per M)	.60	5.00
Phenomenal. The finest rose-pink Poppy grown today. Crinkly, deep rose-pink with a crimson-maroon blotch at base of petals. Flowers are unusually large on strong, stiff stems.		3.50	30.00
Purity. Soft pink without spot or blemish.		2.10	18.00
Red Flame. Lacquer-red flowers of medium size on very straight stems.		1.80	15.00
Sass Pink. Light delicate flesh-pink shade with gray-mauve center.		2.10	18.00
Trilby. Dark lustrous red. 26 in.		2.40	20.00
Welcome. Shiny red with good dark green foliage. 40 in.		1.80	15.00
White Queen. Dead white—small black spots.		2.90	25.00
Wunderkind. Cerise colored Poppy. True Begonio rose shade. 33 in.		2.90	25.00
Wurtembergia. Deep red, borne on long stiff stems. 38 in.		1.80	15.00
PENTSTEMON, HARDY.			
Garnet. First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Advertised at per 3, \$1.50; per doz., \$4.50; per 100, \$30.00)		1.80	15.00
Pubescens. Violet purple, lips white. 18 inches.		1.20	10.00

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from the middle of September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

PLEASE NOTE THE grade we are listing is strictly No. 1 grade. We have No. 2 grade plants which are not quite heavy enough for No. 1 specifications which can be purchased from us at 2¢ per plant discount.

	Per 10	Per 100
Annie Laurie. New variety. Large trusses of salmon-pink.....	\$ 1.40	\$12.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye.....	1.20	10.00
Border Gem. A beautiful deep purple Phlox. Does not fade.....	1.70	14.00
Champs Elysee. Compact heads of rich purple. 24 in.....	1.20	10.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.....	1.40	12.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in across. No other Hardy Phlox produces florets so large. 3½ feet high.....	1.40	12.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.....	1.40	12.00
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.....	1.40	12.00
F. G. Von Lassburg. A tall white Phlox blooming in mid-season.....	1.15	9.00
Fuerbrand. Clear, rich, brilliant orange-scarlet, almost vermillion.....	1.40	12.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant; outstanding variety.....	1.40	12.00
H. B. May. Large spikes of bright pink. Very large flowers.....	1.40	12.00
Leo Schalegeter. Scarlet-carmine with orange cast. 3 ft. The finest red phlox in existence.....	1.40	12.00
Lillian. Exquisite pure pink without any trace of magenta or rose. Large florets, flower heads of good size, borne in remarkable profusion.....	1.70	14.00
Mary Louise. This is the best white Phlox in existence. Pure white with large heads. Individual florets are 2 inches, as large as any other white Phlox. Very fragrant, prolific bloomer.....	1.70	14.00
Morganrood. Rose-pink, slightly deeper eye. Large florets. 2½ to 3 ft.....	1.20	10.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.....	1.20	10.00
Mrs. Jenkins. One of the old standbys. Pure white.....	1.20	10.00
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.....	1.20	10.00
Pink Darling. Good pink, large, individual flowers. Well filled heads.....	1.40	12.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.....	1.20	10.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses.....	1.20	10.00
Rheinlander. Salmon pink with carmine eye.....	1.20	10.00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.....	1.40	12.00
Rosenberg. Deep violet-cerise with slightly darker center.....	1.20	10.00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, bluish-pink with salmon eye.....	1.20	10.00
Wanadis. White, light violet shading with purple eye.....	1.15	9.00

PHYSALIS, Chinese Lantern Plant (RG)

Franchetti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.....	1.00	8.00
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PHYSOSTEGIA, False Dragon Head

Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.....	1.00	8.00
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PLATYCODON, Balloon Flower (RG)

Blooms all summer. 12 in. Separate colors, Blue and white.....	1.15	9.00
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PYRETHRUM, Painted Daisy (RG)

Hybridum Roseum. Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.....	1.20	10.00
Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.....	1.20	10.00
Double Choice Mixed. This mixture contains many shades of pink, red and white. A splendid garden mixture.....	1.40	12.00
Robinsons Dark Crimson. Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.....	1.20	10.00

PERENNIALS—Continued

RUDBECKIA, Coneflower.

Per 10 Per 100

Hardy plants, adapted for the border. Well suited for cutting.

Sass Golden Globe. This is an improved Golden Glow, produces large masses of large, golden double yellow flowers in July and August. 6 in.	\$ 1.20	\$10.00
Purpurea. Reddish purple flowers with very large black cone for center. July to October. 2 ft.	1.00	8.00

SALVIA, Meadow Sage.

Azorea Grandiflora. Azure colored large flowers. August to September. 5 ft.	.80	7.00
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SCABIOSA, Pin Cushion Flower.

Caucasica (Blue Bonnet). Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September. 18 in.	1.20	10.00
Fisheri. Rich, violet-blue flowers 2½ in across, 20 inches high.	1.40	12.00

SAXIFRAGA.

Cordifolia. Large, leathery leaves of russet-green. Round bright-rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.	1.40	12.00
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SEDOM, Stone Crop or Live Forever (RG)

America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
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Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	1.10	9.00
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Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.	1.10	9.00
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Creslatum. Small round foliage of medium green.	1.10	9.00
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Ewersii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.	1.10	9.00
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Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	1.10	9.00
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Lydicum Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 in.	1.10	9.00
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Murale. Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches.	1.10	9.00
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Oppositifolium. Bright green foliage with rose bloom. July. 4 in.	1.10	9.00
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Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1.10	9.00
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Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.	1.20	10.00
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Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	1.20	10.00
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Spurium Roseum. Purplish-red. July and August. 6 inches.	1.10	9.00
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Stoloniferum. Purplish pink. July and August. 6 inches.	1.10	9.00
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Subulatum. Dwarf. Round foliage. Early Summer. 4 to 6 inches.	1.10	9.00
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Turkestanicum. Round foliage of dark green. White flowers on 6 to 8 inch stems.	1.10	9.00
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SEMPERVIVUM. Houseleek. (RG)

Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.		
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Atroviolaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.	1.10	9.00
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Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.	1.10	9.00
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Rubrum. Leaves of dark green turning to red in fall. Rapid spreader.	1.10	9.00
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SPIREA, Goat's Beard, Meadow Sweet (RG)

Filipendula (Dropwort). White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July.	1.80	15.00
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STATICE, Great Sea Lavender (RG) August.

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make a very valuable winter bouquets. 18 in.	1.20	10.00
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STOKESIA, Cornflower Aster.

Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall.	1.80	15.00
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SWEET WILLIAM (See Dianthus Barbatus)**THERMOPSIS.**

Caroliniana. A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July.	1.20	10.00
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PERENNIALS—Continued

		Per 10	Per 100
THYMUS, Thyme (RG)			
Serpullum Coccineum. Dark red flowers, covering the plant completely.			
Creeping habit, hairy foliage, which is fragrant. June-July.....	\$ 1.20	\$10.00	
TRITOMA, Kniphofia, Red Hot Poker (RG)			
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.			
Pfitzeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October....	1.20	10.00	
VERBENA, HARDY (RG)			
Pink. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.	1.20	10.00	
VERONICA, Speedwell (RG)			
Blue Spire. Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 ft. high.....	1.20	10.00	
VINCA, Periwinkle or Trailing Myrtle.			
Minor. Evergreen plant of trailing habit, splendid for use as a ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.	1.20	10.00	
Minor-Bowles Type. Foliage in broad and rich, glossy green. Deep blue.....	1.40	12.00	
VIOLA, ODORATA, Sweet Violet (RG)			
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.....	1.40	12.00	
YUCCA Adam's Needle (RG)			
Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.			
2 year	1.15		9.00

OLD FASHIONED KITCHEN HERBS

Due to the shortage of shipping facilities, spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.

		Per 10	Per 100
Chive, Wild Onion. Finely chopped leaves gives a delicious flavor to salads....	\$ 1.00	\$ 8.00	
Horseradish. A condiment used in seasoning meats.			
3 inch cuttings.....	.30	2.50	
Crowns .....	.60	5.00	
Mother of Thyme. Leaves used medicinally and for seasoning meat and fish sauces.	1.40	12.00	
Sage, Old Fashioned. Used for seasoning sausages and dressing.....	1.40	12.00	
Savory, winter. Leaves used for seasoning meats, sausages and vegetable dishes	1.80	15.00	
Spearmint. Fresh leaves used to flavor sauces and iced drinks, particularly "Kentucky Mint Julips"	1.10	9.00	
Sweet Majoram. Fresh leaves used for seasoning sausages, vegetable dishes and salads.	1.80	15.00	
Tarragon "Epicure". Used by the French people in seasoning salads and making vinegar. Delicious in Jello and fruit cups.....	1.80	15.00	

LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

		Per 10	Per 100
Concolor (Morning Star Lily). Excellent Rock Garden lily. Red, star shaped flowers, flecked with black at base of petals. Blooms June-July. Planting depth 3 inches. Available September 25th.			
Flowering size bulbs.		\$ 0.95	\$ 8.00
Regale. (Tibet). Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available late September.			
4 to 5 inches		.70	6.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00
Tenuifolium (Coral Lily). Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.			
Flowering size bulbs, No. 1		.95	8.00
Tenuifolium (Golden Gleam). Similar to Tenuifolium except flowers are golden-yellow. Blooms June. Planting depth 3 inches. Available late September.			
Flowering size bulbs, No. 1		.95	8.00
Tiger Double. This is a full, double flowering variety. Blooms slightly later than the single. Planting depth 5 inches. Available late September.			
4 to 5 inches		.80	7.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00
Tiger Single. Flowers rich salmon-orange, spotted deep mahogany blooms in August. Planting depth 5 inches. Available late September.			
4 to 5 inches		.80	7.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00

CANNAS

Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.

PINK FLOWERS WITH GREEN FOLIAGE

		Per 100	Per 1000
City of Portland. The leading pink, green foliage. 4 ft tall. Large flowers of watermelon-pink conceded THE pink.		\$ 7.00	\$60.00
Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.		7.00	60.00
Rosamond Cole. 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas.		7.00	60.00

RED FLOWERS WITH GREEN FOLIAGE.

		Per 100	Per 1000
The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.		7.00	60.00
Wintzer's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across.		7.00	60.00

YELLOW FLOWERS WITH GREEN FOLIAGE.

		Per 100	Per 1000
Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows.		7.00	60.00
Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.		7.00	60.00

BRONZE FOLIAGE VARIETIES.

		Per 100	Per 1000
Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.		7.00	60.00
Statue of Liberty. 6 to 7 ft. Blazing flame-red.		7.00	60.00

DAHLIAS

Our Dahlias are all Shenandoah grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

DECORATIVES

	Per 10	Per 100
Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.	\$ 1.50	\$12.00
Chautauque Salute. Dazzling white.	1.80	15.00
Clara Barton. Face of petals silvery-orchid reverse of petals deep lavender. General effect lavender.	1.80	15.00
Galliant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper.	1.50	12.00
Golden Bounty. Rich lemon yellow.	1.50	12.00
Golden Girl. Large flower of shimmering gold.	1.80	15.00
Harvest Moon. Blends gold rose and bronze.	1.50	12.00
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all dahlias.	1.80	15.00
Jean Kerr. Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting.	1.50	12.00
Jersey Beacon. Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers.	1.80	15.00
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer.	1.80	15.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.	2.10	18.00
Mrs. I. de Ver Warner. Orchid pink with very large flowers. Well known and very popular.	1.80	15.00
Mrs. Knudson. New White.	1.80	15.00
Orange Jersery Beauty. Orange.	1.80	15.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom.	1.50	12.00
Yellow King. Canary yellow.	1.50	12.00
Decorative Mixed.	1.00	8.00

DAHLIAS, SHOW.

	Per 10	Per 100
A. D. Livoni. Shell pink.	1.50	12.00
Bonnie Blue. Bluish shading to lavender. Lovely coloring.	1.50	12.00
Queen Victoria. Deep cream or soft yellow.	1.50	12.00
Robert Broomfield. Pure White. Effective in combinations.	1.50	12.00

MISCELLANEOUS BULBS

AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color.

	Per 10	Per 100
Mixed Colors	\$ 3.00	\$25.00

BEGONIAS, Tuberous Rooted, Camellia Flowering.

Are assuming their old popularity. They are valuable for planting as a pot plant or for outdoor bedding in shaded locations.

	Per 10	Per 100
Separate Colors.	1.50	12.00

Red Pink Yellow Bronze

BEGONIAS, Tuberous Rooted.

Pink Flowering, 1½ to 1½ inch diameter	1.50	12.00
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CALADIUM

Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called picture-leaved Caladinars. Mixed. 1½ to 2 inches.	1.40	12.00
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MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower.	.40	3.50
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TUBEROSES (RG)

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size.	.40	3.50
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SPECIAL ATTENTION

We call special attention to the following items which we have in good supply.
Write us for prices on quantity lots.

APPLE, 11-16 inch

Anoka
 Delicious Red
 Delicious Yellow
 Dolgo Crab
 Duchess
 Flame Crab
 M. B. Twig
 N. W. Greening
 Virginia
 Whitney Crab
 Winesap

ORNAMENTAL SHRUBS

Almond Pink, Own Root
 Barberry Thunbergi, Transplants
 Cornus, in variety
 Cydonia Japonica
 Forsythia, in variety
 Ilex Verticillata
 Rhus Canadensis
 Ribes Alpinum
 Snowberry
 Spirea A. W.
 Spirea Froebel
 Tamarix
 Viburnum, in variety

SHADE TREES

Ash
 Elm
 Hackberry
 Honeylocust
 Maple, Schwedleri
 Oak, Pin and Red
 Poplar, Lombardy

FOREST TREE SEEDLINGS

Ash
 Elm, American
 Mulberry, Russian
 Oak, Pin and Red

VINES

Ampelopsis Engelmanni
 Ampelopsis Quinquefolia
 Celastrus scandens
 Polygonum Auberti

We always appreciate opportunity to quote on your complete requirements.

NURSERYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

BOXING CHARGES

30x30x12	\$5.75	24x24x10	\$4.50	20x20x8	\$3.25
30x30x10	5.00	24x24x8	4.00	20x20x6	2.50
30x30x8	4.50	24x24x6	3.25	16x16x10	3.00
30x30x6	3.75	20x20x12	4.25	16x16x8	2.50
24x24x12	5.25	20x20x10	3.50	16x16x6	2.25

CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	14x9x9	\$0.25
48x16x16 .....	.85	30x8x8 .....	.25	11x8x6 .....	.20
36x15x15 .....	.60	16x12x6 .....	.25		

BALES will be charged at actual cost.

INDEX

Name	Page	Name	Page	Name	Page
Acanthopanax	19	Ferns	60	Peach	5
Almond Flowering	19	Fir	39-44-45	Peach Pits	7
Althea	19	Flowering Cherry	9	Pear Dwarf	5
Amaryllis	68	" Crab	10	Pecan	15
Amelanchier	19	" Plum	17	Perennials	57-67
Amorpha	19	Forsythia	26	Persimmon	16
Ampelopsis	36	Fringe	23-31	Philadelphus	29
Apple	3-4	Fuschia	60	Phlox	64
Aquilegia	57	G		Physocarpus	30
Aralia	19	Gaillardia	60	Pine	43-46-47
Arbor Vitae	39-47	Golden Chain Tree	11	Plum	5
Aristo	36	Grape Vines	6	Polygonum	38
Aronia	19-20	Gypsophila	61	Poppies	62-63
Ash	7-9-15	H		Poplar	16
Aster	57-58	Hackberry	8-11	Privet	30
B		Hamamelis	26	Prunus Flowering Plum	16-17
Baby's Breath	61	Hazelnut	23	Ptelea	15
Barberry	20-35-36	Hedging	35-36	Q	
Beauty Bush	27	Hedera	37	Quince	5
Begonia	68	Hemerocallis	61	Quince, Flowering	24
Bignonia	36	Herbs	66	R	
Birch	9	Highbush Cranberry	35	Raspberries	6
Bittersweet	36-37	Hollyhock	57	Red Bud	17
Blackberries	6	Honeysuckle	26-27-36-38	Red Cedar	42-43-46
Bleeding Heart	60	Honeysuckle Vines	38	Rhodotypos	31
Boston Ivy	36	Horseradish	7	Rhubarb	7
Box Elder	13	Hydrangea	27-61	Rhus	31
Buckthorn	7-21	I		Ribes	32
Buddleia	21-22	Ilex	27	Rose Baby	51
Bulbs	68	J		" Climbing	53
Buffaloberry	22	Japan Quince	24	" Floribunda	51
Butterfly Bush	21-22	Juneberries	19	" Hybrid Tea	48-49-50
C		Junipers	39-40-41-42-43-45-46	" Misc.	51-52
Caladium	68	K		" Rugosa	51-52
Calycarpa	22	Kentucky Coffeetree	12	" Patented	54-57
Calycanthus	22	Kerria Japonica	27	Russian Olive	17-24
Campanula	58	Kolkwitzia	27	S	
Cannas	67	L		Salix	32
Caragana	7-22-36	Lespedeza	27	Shrubs	19-35
Catalpa	7-9	Lilac	28-29	Silver Lace Vines	38
Celastrus	36-37	Lilies	60-61-67	Small Fruits	6-7
Cephalanthus	22	Lily of the Valley	62	Snowball	35
Cherries	4	Linden	12-13	Snowberry	33
Chrysanthemums	58-59	Locust Black	8-13	Sorbaria	32
Chionanthus	23	Locust Honey	12	Spirea	32-33
Clematis	37	Lupines	62	Spruce	44-46
Coreopsis	59	M		Sumac	31
Cornus	23	Maderia Vines	68	Sycamore	17
Corylus	23	Maple	8-13-14	Symporicarpus	33
Cotoneaster	24	May Day Tree	16	Syringa (Mock Orange)	29
Crataegus	17-18	Mountain Ash	14	Sweet Williams	60
Currants	6	Mulberries	5-8	T	
Cydonia Japonica	24	N		Tamarix	34
D		Nectarberry	6	Taxus	44
Dahlias	68	Ninebark	30	Thor	17-18
Daphne	24	O		Tritoma	66
Deciduous Trees	9-18	Oak	8-14-15	Trumpet Vine	36
Deciduous Tree Seedlings	7-8	Osage Orange	8	Tuberoses	68
Delphinium	59	P		V	
Desmodium	27	Peach	5	Viburnum	34-35
Deutzia	24	Peach Pits	7	Vines	36-37-38
Dewberries	6	Pear Dwarf	5	Viola	66
Dianthus	60	Pecan	15	Virginia Creeper	36
Dicentra	60	Perennials	57-67	W	
Digitalis	60	Persimmon	16	Walnut	8
Dogwood	23	Philadelphus	29	Weigela	35
E		Phlox	64	Willow	18-32
Elaeagnus	24	Physocarpus	30	Wisteria	38
Elder	25	Pine	43-46-47	Witchhazel	26
Elm	7-8-10-11	Plum	5	Y	
Euonymus	25-37	Polygonum	38	Yew	44
Evergreens	39-47	Poppies	62-63	Yucca	66
Exchorda	25	Poplar	16		